	LIS ORDER									Turnaround		
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE	E RANGE	METHOD	Time	COMMENTS	
						Coagulation,					Component of PT Workup and PTT Workup. Not performed weekends,	
1:1 MIXING STUDY	MIX	1 TO 1 MIX	85730 x3	9 mL Blood	2 Blue Top Vac	RIH	See Report		Clottable	R = 3-5 days	nights, or holidays.	
				5 mL blood							mg, or manager	
				(Early morning								
11-DEOXYCORTISOL				specimen is		Reference Lab			Extraction,			
(COMPOUNDS)	11DEO	11 DEOXYCORTISOL	82634	preferred)	Red Top Vac	(Quest)	See Report		Chromatography, RIA	R = 3-5 days	Sent out.	
				5 mL blood								
17-HYDROXY		17 HYDROXY		(Early morning specimen is		Reference Lab					Sent out. Store	
PROGESTERONE	17HYD	PROGESTERONE	83498	preferred)	Red Top Vac	(Esoterix)	See Report		Extraction, RIA	R = 5-7 days	and ship as frozen serum in plastic vial.	
TROOLOTERONE	171110	THOOLOTEHONE	00-100	presentedy	rtou rop vuo	(Eddiciny)	occ report		Extraction, 107	it = 0 7 days	and only do nozon scram in plastic viai.	
					Clean plastic (2							
					L) urine							
					container with 10						Refrigerate sample during collection.	
17-HYDROXYCORTICO-					gms of boric						Preservative should be added prior to	
STEROIDS (includes	1147011	11.4701100B	00505	041	acid (HCl is also		0		Modified Porter-Silber	D 05 l	collection.	
Creatinine)	U17OH	U 170HCOR	82565	24 hr urine	acceptable)	(Quest)	See Report		Reaction	R = 3-5 days	Sent out.	
17-HYDROXY-					Red Top Vac on	Reference Lab			Extraction,			
PREGNENELONE	Not orderable	Not orderable	83519	5 mL blood	ice	(Esoterix)	See Report		Chromatograpahy, RIA	R = 3-5 days	Sent out.	
					Clean (2 L)	· /			J 21 22 77 22 22	1		
					plastic urine						Refrigerate specimen during collection.	
17-KETOGENIC					container with						Preservative should be added prior to	
STEROIDS (includes	LIKETO	U KETOGENIC	00505	041	10 gms of boric	Reference Lab	0		0	D 05 l	sample collection.	
Creatinine)	UKETG	STEROID	82565	24 hr urine	acid	(Quest)	See Report		Spectrophotometry	R = 3-5 days	Sent out.	
					Clean (2 L) plastic urine						Refrigerate specimen during collection.	
					container with						Preservative should be added prior to	
17-KETOSTEROID					10 gms of boric	Reference Lab			Modified Zimmerman		sample collection.	
(includes Creatinine)	UKETS	U KETOSTEROID	82565	24 hr urine.	acid	(Quest)	See Report		reaction	R = 3-5 days	Sent out.	
18-HYDROXYCORTICO-		18 HYDROXY-			L	Reference Lab			Extraction			
STERONE	18OHC	CORTICOSTERONE	83491	10 mL blood.	Red Top Vac	(Quest)	See Report		Chromatography RIA	R = 8 days	Sent out.	
				Adults: 6	Adults :							
				mL blood Whole	Pink Plastic Vac		O Pos	O Neg				
		SECOND BLOOD		Blood Required	Pediatrics:		A Pos	A Neg			Required for type specific blood	
		TYPE DRAW RIH	86900		lavender or red		B Pos	B Neg		R = 45 min	products on new patients who test	
2nd Specimen Blood Type	STYPG	TMH	86901	mL blood	top vac	Blood Bank	AB Pos	AB Neg	Gel test	S= 30 min.	group A, B or AB on first specimen.	
3-Alpha						D. (			F			
ANDROSTANEDIOL GLUCURONIDE	3AAND	3A ANDROSTANEDIOL	82154	5 mL blood on ice	Red Top Vac	Reference Lab (Quest)	See Report		Enzyme digestion, Chromatography, RIA	R = 3-5 days	Sent out. Synonym for procedure : 3-ALPHA	
GEOCORORDE	SAAND	3A ANDITOGIANEDIOL	02104	3 IIIL DIOOG OIT ICE	rted Top Vac	(Quest)	Oce Report		Ciliomatography, NA	11 = 5-5 days	ioi procedure : 5-ALI TIA	
					Clean plastic				1	1	Preservative should be added to	
					(2L) urine						container before sample is collected.	
					container with				1	1	Acetic Acid is also acceptable. A special	
5-HIAA					25 mL 6N HCL	L			L	1	diet should be maintained for 48 hours	
(Five hydroxy Indole Acetic	111111111111111111111111111111111111111	11.51.44.4	00.407	04 ha	(Ped): 3-5 mL	Toxicology,	0.0 /041		Extraction of 1-Nitroso-	D W	prior to the start of the collection. Call	
Acid) A/C RATIO	UHIAA	U 5HIAA	83497	24 hr urine	6N HCL	RIH	2-8 mg/24 hr		2-Napthol	R = Weekly	444-5858 for instructions. See Microalbumin Urine	
A1C									1	<del> </del>	See Hemoglobin A1C	
										<b>-</b>	COO HOMOGROUNT ATO	
				Adults: 6	Adults :					1		
				mL blood Whole	Pink Plastic Vac		O Pos	O Neg		1	Required for Fresh Frozen Plasma,	
				Blood Required	Pediatrics:		A Pos	A Neg		1	Platelet Concentrate, Cryoprecipate	
	T) (T = 5	ABORH TYPE and	86900		lavender or red	L	B Pos	B Neg		R = 45 min	and Rh Immune Globulin in addition to	
ABO & Rh Type Only	TYPEG	SCREEN	86901	mL blood	top vac	Blood Bank	AB Pos	AB Neg	Gel test	S= 30 min.	crossmatch procedures.	
Acanthamoeba		EYE ACANTHAMOEBA			Slide: make at				1	Smear R = 2 hrs	Call Lab before sending. Submit specimen and requisition to Lab.	
Acantnamoeba Smear	ACNTH	SMEAR	87206	Corneal Scraping	bedside	Microbiology	Negative		Smear - Calcofluor	R = 2 nrs S = N.A.	Available M-F only, DAY SHIFT.	
Omour	AUNTI	OWILAIN	01200	Comea Coraping	Dodaide	wiiciobiology	110galive		Omean - Calcondol	0 - N.A.	A Wallable WEI Office, DAT Office.	
ACE (ANGIOTENSIN						Reference Lab			1	1		
CONVERTING ENZYME)	ACE	ACE	82164	5 mL blood	Red Top Vac	(Quest)	See Report		Enzymatic	R = 3-4 days	Sent out.	
/ 1					-							

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround	COMMENTS
TEST NAME	NAME	SNIS UNDER NAME	CP1 Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	Critical Values: > 50ug/mL First
ACETAMINOPHEN (Tylenol)	ACETM	ACETAMINOPHEN LEVEL	82003	5 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Therapeutic Range: 10-20 ug/mL	Immunoturbimetric	R = daily S = 1 hr.	Critical values. 500g/mL First occurrence only Toxic: 150 ug/mL after 4 hrs 75 ug/mL after 8 hrs 50 ug/mL after 12 hrs
ACETYLCHOLINE BINDING RECEPTOR ANTIBODY	ACREC	ACETYCHOLINE RECEPTOR AB	84238	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Radiobinding Assay	R =4-5 days	Sent out.
ACETYLCHOLINE RECEPTOR ANTIBODY BLOCKING	ACRBL		83519	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Immunoassay	R=4-5 days	Sent out.
ACETYLCHOLINE RECEPTOR ANTIBODY MODULATING	ACRMO		83519	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Radiobinding Assay	R=7-10 days	Sent out.
ACID PHOSPHATASE Prostatic	PAP	PROSTATIC ACID PHOSPHATASE RIH	84066	C! black	Dad Tan Van	Reference Lab	See Report	MEIA	D. Oderre	Common frances
ACID PHOSPHATASE Stain* Bone Marrow and	FAF	FROSFRATASE KIR		5 mL blood  Bone Marrow or	Red Top Vac Bone Marrow Smears or Lavender Top	(Quest) Special Hematology	Зее кероп	IVICIA	R = 3 days	Serum frozen.
Peripheral Blood			88319	EDTA Blood	Vac	RIH		Cytochemical	R=24 hrs.	Pathologist interpretation
ACID PHOSPHATASE TARTRATE RESISTANT STAIN			88319	Bone Marrow or EDTA Blood	Bone Marrow Smears or Lavender Top Vac	Special Hematology, RIH		Cytochemical	R=24 hrs.	Pathologist interpretation
ACTH (Plasma Adrenocortico- tropic Hormone) ACTH STIMULATION CORTROSYN	ACTH	ACTH LEVEL	82024	5 mL blood	Lavender Top Vac	Reference Lab (Quest)	9-52 pg/mL	Chemiluminesence	R = M,Th	Send on ice. Freeze plasma immediately after processing.  See Cortrosyn Stimulation. Call ext 444-2771.
ACTIVATED PROTEIN C RESISTANCE (APC Resistance)	APCSO	APC RESIST	85300 86709	4.5 mL blood	Blue Top Vac	Coagulation, RIH	2.5 - 5.5 ratio	Clottable	R = 3-5 days	Patient should not be on Heparin or Coumadin. Also known as a Screening assay for Factor V Leiden. There is also a Genetic assay, F-V MUT DNA performed by Molecular Biology.
ACUTE HEPATITIS PANEL	ACHEP	ACUTE HEP PANEL	87340 86803 86705	5 mL Blood	Red Top with Gel (Gold)	Clinical Immunology, Core	See Indiviual Analytes	See Individual Analytes	R – M - F	Group contains HAAb IgM, HBcAb IgM, HBsAg, Hep C Ab. The CPT Code for the group is 80074
	7.07.12.		00.00	0 III 2 21000	Special Tube		occ manual runalytec			me group to occur.
ACYLCARNITINE QUANTIFICATION	ACYLC	ACYLCARNITINE PLASMA	82491	3 mL blood	Sodium Heparin Green Top tube	Reference Lab (Quest)	See Report	Mass Spectrometry	R = 15-25 days	Sent out.
ADENOVIRUS SEROLOGY	ADENO	ADENO AB	86603	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Complement fixation	R = 3-5 days	Sent out.
ADH (Anti-Diuretic		ARGININE			Lavender Top	Reference Lab				Must be received in lab within two hours
Hormone)	AVP	VASOPRESSINE	84588	5 mL blood	Vac	(Quest)	See Report	Extraction, RIA	R = 3-5 days	of collection. Sent out.
ADMA	ADMA	ASYMETRIC DIMETHYL ARGININE		5 mL Blood	Lavender Top Vac <b>on ice</b>	Reference Lab (Quest)	See Report			Sent to Metrametix via Quest.
AFB Culture and smear	CXAFB	See AFB order options based on specimen source	87116 87206	Fluid, tissue, or abscess only	Sterile leakproof container	Microbiology	Negative	Semiautomated detection and smear	R=6 Weeks S=N/A	Swab specimens will be rejected. Tissues should be received in a sterile cup with a drop of sterile saline
A/G Ratio										Albumin and total protein must be ordered individually. The Globulin can be estimated from those two results.
ALA		U AMINOLEUVLINIC			Clean plastic (2L) urine container with 25 mL 6N HCL (Ped) 5 mL 6N	Toxicology		Extraction,		Refrigerate during collection. Preservative should be added prior to
Delta Aminolevulinic Acid ALANINE AMINO-	UALA	ACID 24 HR	82135	24 hr urine	HCI Green Top Vac	RIH	1.3-7.0 mg/24 hr	Spectrophotometry	R = 1-2 days R = 4 hours	collecting sample.
TRANSFERASE	ALT	ALT	84460	4 mL blood	with Gel (Mint)	Chemistry	Adult: 6-45 IU/L		R = 4 nours S = 1 hr.	Synonym: SGPT

	LIS ORDER				1				Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
										Critical : ≤ 1.5 g/dL First
					Green Top Vac				R = 4 hours	occurrence only Test cannot be performed on
ALBUMIN	ALB	ALB	82040	4 mL blood	with Gel (Mint)	Chemistry	Adult: 3.5-5.0 gm/dL	Dye Binding BCP	S = 1 hr.	hemolyzed specimen.
										Critical: > 400 mg/dL
										First Incidence only Use Betadine to prepare skin. NOT
					Green Top Vac			Enzymatic : Alcohol		ALCOHOL. Method
ALCOHOL	ETOH	ETHANOL LEVEL	82055	5 mL blood	with Gel (Mint)	Chemistry	ND (Not Detectable)	Dehydrogenase	R & S = 1 hr.	measures Ethanol
AL DOL 405	41.00	44 504 405	00005	4	Gold or Red Top		O D	F	D 05 los	Sent out. Separate
ALDOLASE	ALDO	ALDOLASE	82085	4 mL blood	Vac	(Quest)	See Report	Enzymatic	R = 3-5 days	from clot and avoid hemolysis.
					Red Top Vac	Reference Lab		Extraction,		Sent out. Sample must be collected in
ALDOSTERONE, SERUM	ALDOS	ALDOSTERONE SO	82088	4 mL blood	(no gel)	(Quest)	See Report	Chromatography, RIA	R = 3-5 days	a no additive red top tube.
					Clean plastic (2					Refrigerate sample during collection.
					L) urine					Preservative should be added prior to
					container with I0					sample collection, but can be added
l					gms of boric	Reference Lab				after collection, prior to aliquotting.
ALDOSTERONE, URINE ALKALINE	UALDO	U ALDO 24HR ALKALINE	82088	24 hr urine	acid Green Top Vac	(Quest)	See Report Adult:	Extraction, RIA p-Nitrophenyl	R = 14 days R = 4 hours	Sent out.
PHOSPHATASE	ALK	PHOSPHATASE	84075	4 mL blood	with Gel (Mint)	Chemistry	34 - 104 IU/L	Phosphate	S = 1 hr.	
ALKALINE								·		
PHOSPHATASE										Out to the second Francisco
ISOENZYME FRACTIONATION	ALKIS									See Isoenzyme Fractionation Alkaline Phosphatase
1101011011011	712110					Clinical				7 Mainto i Moopmalado
Alpha		ALPHA FETO PROTEIN			Red Top with	Immunology,				
FETOPROTEIN	AFP	or AFP	82105	3 mL blood	Gel (Gold)	Core	0-10 ng/mL	Chemiluminesence	R = M - F	Not to be used for Maternal AFP.
Alpha FETOPROTEIN QUAD						Reference Lab				
SCREEN	AFPQU	DOWNTIME SLIP				(Quest)	See Report			Maternal Specimens only
						Reference Lab				
ALPHA SUBUNIT	ASUB	ALPHA SUBUNIT	83519	5 mL blood	Red Top Vac	(Quest) Clinical	See Report	RIA	R = 3-5 days	Sent out.
					Red Top with	Immunology,				
Alpha-1 ANTITRYPSIN	AAT	ALPHA 1 ANTITRYPSIN	82103	3 mL blood	Gel (Gold)	Core	Adults: 85.7 - 196.5 mg/dL	Nephelometry	R = M-F	
										State duration and weight of collection
				Random or 24°						and whether entire collection is being sent. Sample must be refrigerated or
Alpha-1 ANTITRYPSIN		FECAL ALPHA 1		Stool (minimum 2	Sterile screw top	Reference Lab				frozen.
(Fecal)	SAA1	ANTITRYPSIN	82103	gram portion)	container	(Quest)	See Report	Rate Nephelometry	R = 3-5 days	Sent out.
					1			Fixed Rate Time		
					1			Nephelometry and		
					Red Top Vac			Fluorescent Restriction		Sent out. Test code 17307X.
ALPHA-1 ANTITRYPSIN	D.170	ALPHA 1 ANTITRYP	04655	5 mL Whole Blood	and Lavender	Reference Lab	O Burnet	Fragment Length	R = 10-12	Whole Blood at Room Temp and Serum
and MUTATION ANALYSIS	P1TP	AND P1 TYPING	81332	3 mL Serum	Top Vac Bone Marrow	(Quest)	See Report	Polymorphism	days	Refrigerated.
Alpha-NAPTHYL					Smears or	Special				
BUTYRATE ESTERASE				Bone Marrow or	Lavender Top	Hematology,				
STAIN			88319	EDTA Blood	Vac	RIH		Cytochemical	R = 24 hrs.	Pathologist Interpretation
ALPRAZOLAM						Toxicology,	Therapeutic Range:	High Performance Liquid	R = Weekly	Synonym: Xanax
(Xanax)	APRAZ	ALPRAZOLAM LEVEL	80154	5 mL blood	Red Top Vac	RIH	20-240 ng/mL	Chromatography	S = 8  hrs.	Toxic: >240 ng/mL
ALT							-	0.,		
(Alanine Amino	A1.T	A . T	04400	4	Green Top Vac	Ch a miata	A	Oxidation of NADH	R = 4 hours	Community CODT
Transferase)	ALT	ALT	84460	4 mL blood	with Gel (Mint)	Chemistry	Adult: 6-45 IU/L	(Kinetic)	S = 1 hr.	Synonym: SGPT Sent out. Draw in Dark / Royal blue top
					1					tube with no additive. Alt. Tube is Dark
										/ Royal Blue with EDTA or Sodium
					1					Heparin.
					1	Reference Lab		Atomic Absorption		Assay can be performed on either serum or plasma. Pour into metal freee
ALUMINUM	ALUM	ALUMINUM LAB	82108	5 mL blood	See Comments		See Report.	Spectrometry	R = 3-5 days	transport tubes.
ALUMINUM	ALUM	ALUMINUM LAB	82108	5 mL blood	See Comments	(Quest)	See Report.	Spectrometry	R = 3-5 days	transport tubes.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
TEST NAME	NAME	SWS ONDER NAME	CF1 Code	SPECIMIEN	CONTAINEN	LAD	REPERENCE NAME	WETHOD	rine	COMMENTS
AMIKACIN LEVEL	AMKPR AMKPO AMKRA	AMIKACIN PRE POST RANDOM	80150	5 mL blood (Min) 3 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Fluorescence Polarization Immunoassay	R = 1-3 Days	Toxic: > 25 ug/mL Draw blood prior to antibiotic dose. Label *pre*. Draw a second sample 40-60 min. after IV administration of antibiotic is finished. Label post or peak.  Transport ON ICE.
AMINO ACID PROFILE QUANTITATIVE	AACB AACF AAUR	AMINO ACID QUANT CSF AMINO ACID QUANT U AMINO ACID QUANT	82139	3 mL blood ON ICE 1 ml CSF or random or 24 hr urine ON ICE	Lavendar Top Vac; sterile plastic CSF tube; or clean 2L urine container.	Chemistry, NEMC	Normal values will be listed on final report.	High Performance Llquid Chromatography High Performance	R = M - F	Test is quantitation of each Amino Acid - Refrigerate urine samples during collection. Record AGE and WEIGHT for urine collection Turnaround time 1 week. Transport blood sample ON ICE to laboratory. Freeze plasma after processing.  Toxic: >5.0 ug/mL
AMIODARONE	AMIO	AMIODARONE AND DAMI	82491	5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: 1.0-2.5 ug/mL	Liquid Chromatography	R = Weekly S = 8 hrs.	Desethylamiodarone is performed on all requests for amiodarone.
AMITRIPTYLINE (Elavil) See Comments	AMIT	AMITRIP and NORTRIP	80152 80182	10 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: total Amitriptyline plus Nortriptyline 120-250 ng/mL		R = Tu & F S = 6 hrs.	Toxic: >500 ng/mL Indicate if patient is receiving phenothiazines. Nortriptyline is performed and charged on all requests for amitriptyline.
AMMONIA, PLASMA	NH3	AMMONIA NH3	82140	5mL blood ON ICE	Lavender Top Vac <b>or</b> Pearl PPT Top Vac	Chemistry	5 - 50 umol/L	Timed endpoint with Glutamate dehydrogenase	R & S= 1 hr	Critical Value Ammonia > 100 umol/L If not received on ice, sample will be rejected. If PEARL tube is used the sample is stable for up to 4 hours if spun immediately and sample sent on ice. Outreach should use pearl top tube.
AMOEBA AB	AMOAB	AMOEBA TITER	86753	5 mL blood	Red Top Vac	Reference Lab (Quest)	Negative	Immunodiffusion	R = 3-5 days	Sent out.
AMPHETAMINE	АМРН	AMPHETAMINE LEVEL	82145	5 mL blood	Red Top Vac Green Top Vac	Toxicology, RIH	Therapeutic Range: 20-100 ng/mL		S = 8 hrs. R = 4 hours	Toxic: >600 ng/mL Critical Values :
AMYLASE	AMYL	AMYLASE PLASMA	82150	3.5 mL blood	with Gel (Mint)	Chemistry	Adult: 28 - 100 U/L	Standardized Enzymatic IFCC	S = 1 hr.	Amylase > 200 U/L
AMYLASE Body Fluid  AMYLASE Urine	BFAML UAMY	BF AMYLASE LAB  U AMYLASE RANDOM	82150	1 mL Body Fluid Random urine	White Top Vac Clean plastic (100 mL) urine container	Chemistry Chemistry	Male : 16 - 491 U/L Female: 21 - 447 U/L	Standardized  Enzymatic IFCC Standardized	R= M - F	
AMYLASE (Isoenzymes)	AMYIS	AMYLASE ISOENZYME	82150 82664	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Colorimetric Indirect	R= 3-5 days	Sent out. Both total and fractionation performed.
ANTI-NUCLEAR ANTIBODY	ANA	ANTI NUCLEAR ANTIBODY	86038	5 mL blood (Ped) 3 mL blood	Red Top with Gel (Gold)	Immunology, Core	Non-reactive	Immunofluorescence	R = M,W,F	If positive, an ANA Titer (CPT 86039) and pattern determination is done.
ANAPLASMA (Previously known as Ehrlichia Granulocytic)										See A phagocytophilum AB IGG IGM
ANCA ANTI-NEUTROPHILE CYTOPLASMIC ANTIBODY	Not orderable	Not orderable	86256	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	<1:20	Indirect Immunofluorescence (IFA)	R = once a week	Reflexive Rule: If c-ANCA is >1:20 then a Proteinase 3 Ab will be ordered and billed (CPT 83516). If p-ANCA is ≥1:20 then a Myeloperoxidase Ab will be ordered and billed (CPT 83516). ANCA is not an orderable test.
ANCA SCREEN ANTI-NEUTROPHILE CYTOPLASMIC ANTIBODY SCREEN	ANCSN	ANCA SCRN	86255	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Negative	Indirect Immunofluorescence (IFA)	R = once a week	Reflexive Rule: If Positive, an ANCA will be ordered and billed (CPT 86256). See ANCA for more details.
ANDROSTANEDIOL (3 Alpha Androstanediol Glucuronide)	3AAND	3A ANDROSTANEDIOL	82154	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Enzyme digestion, Chromatography, RIA	R = 3-5 days	Sent out. Synonym for procedure : 3-ALPHA

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
ANDROSTENEDIONE	ANIE	ANDROSTENEDIONE	82157	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Enzyme digestion, Chromatography, RIA	R = Wed	Early morning specimen is preferred. Sent out.
ANGIOTENSIN-1 CONVERTING ENZYME	ACE	ACE	82164	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report			See ACE
ANTI-ADRENAL	ADDE	ANTIADRENAL	00050	C! black	Dad Tan Van	Reference Lab	Can Danast	IE A	D 05 days	Cont and
Cortex Antibody	ADRE	ANTIBODY	86256	5 mL blood	Red Top Vac	(Quest)	See Report	IFA	R = 3-5 days	Sent out.
ANTIBODY SCREEN (Indirect Coombs) See Comments for Reflexive Rule	ABSCG	ANTIBODY SCREEN RIH TMH	86850	Adults: 6 mL blood Whole Blood Required Pediatrics: 3 mL blood	Adults: Pink Plastic Vac Pediatrics: lavender or red top vac	Blood Bank	Negative	Gel Test	R=80-120 min. S=45-60 min.	Reflexive Rule: A positive antibody screen may reflex an antibody identification.
ANTI-CARDIOLIPIN IGA ANTIBODY	CARDA	ANTI CARDIOLIPIN IGA AB	86147	5 mL Blood	Red Top with Gel (Gold)	Clinical Immunology, Core	IgA < 12 APL <12 Negative 10 to 20 Indeterminate >20 Positive 20 to 80 Low to Med Pos >80 High Positive	Enzyme Immunoassay (EIA)	R = M & Th	Reflexive Rule: If the Cardio IGA is >20 and a LA Screen/Confirm has been ordered, a Beta-2 Glycoprotein Inhibitor (86146) will be ordered and billled.
ANTI-CARDIOLIPIN IGG ANTIBODY	CARDG	ANTI CARDIOLIPIN IGG AB	86147	5 mL Blood	Red Top with Gel (Gold)	Clinical Immunology, Core	IgG < 15 GPL <15 Negative 15 to 20 Indeterminate >20 Positive 20 to 80 Low to Med Pos >80 High Positive	Enzyme Immunoassay (EIA)	R = M & Th	Reflexive Rule: If the Cardio IGG is >20 and a LA Screen/Confirm has been ordered, a Beta-2 Glycoprotein Inhibitor (86146) will be ordered and billled.
ANTI-CARDIOLIPIN IGM ANTIBODY	CARDM	ANTI CARDIOLIPIN IGM AB	86147	5 mL Blood	Red Top with Gel (Gold)	Clinical Immunology, Core	IgM < 12.5 MPL <12.5 Negative 12.5 to 20 Indeterminate >20 Positive 20 to 80 Low to Med Pos >80 High Positive	Enzyme Immunoassay (EIA)	R = M & Th	Reflexive Rule: If the Cardio IGM is >30 and a LA Screen/Confirm has been ordered, a Beta-2 Glycoprotein Inhibitor (86146) will be ordered and billled.
					Gold or Red Top	Clinical Immunology,	Negative: <20 Weak Pos: 20-39 Mod Pos: 40-59			Assay detects IgG and IgA antibodies to
ANTI-CITRULLINE AB ANTI-DIURETIC HORME	CCPG	ANTI CCP	83520	5 mL blood	Vac	Core	Strong Pos : ≥ 60	EIA	R= M & Th	Cyclic Citrulinated Peptide 3.
(ADH) (Arginine										
Vasopressin)	AVP									See ADH
						Clinical		Indirect		
ANTI-DS DNA	ADNA	ANTI DS DNA	86225	5 mL blood	Red Top with Gel (Gold)	Immunology, Core	< 1:10	Immunofluorescence (IFA)	R = twice per week	
ANTI-GBM Glomerular	//DIV	ANTI DO DIW	OOLLO	o me blood	Red Top with	Clinical Immunology,	<20 Units - Negative 20-30 Units - Weak Pos. >30 Units Mod. To Strong	(117)	R = Twice per	Interpretation: Negative: 0 - 20 Units Weak Positive:21 to 30.0 Units Moderate to
Basement Membrane	GBM1	ANTI GBM ANTIBODY	86317	5 mL blood	Gel (Gold)	Core	Pos.	EIA	week .	Strong Positive: > 30 Units
ANTI-GLIADIN ANTIBODY (IgA) WHEAT AB	GLIAA	GLIADIN IgA	83516	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	<20 Units - Negative 20-30 Units - Weak Pos. >30 Units Mod. To Strong Pos.	EIA	R = weekly	
ANTI-GLIADIN ANTIBODY (IgG) WHEAT AB	GLIAG	GLIADIN IgG	83516	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	<20 Units - Negative 20-30 Units - Weak Pos. >30 Units Mod. To Strong Pos.	EIA	R = weekly	
ANTIGLOBULIN - DIRECT See Comments for Reflexive Rule	DAT	DIRECT COOMBS TEST	86880	Adults: 6 mL Blood Whole Blood Required Pediatrics: 3 mL Blood	Adults: Pink Plastic Vac 2 Tubes for Outpatients Pediatrics: Lavender tube only	Blood Bank	Negative	Tube Test	R=30 min. S=15 min.	Critical Value: Positive results when not associated with tranfusion reaction.  All results when associated with a Transfusion Reaction.  Reflexive Rule: A positive direct antiglobulin test may reflex an elution.
ANTI-HISTONE ANTIBODIES	HISAB	HISTONE AB	83520	5mL blood	Red Top Vac	Reference Lab (Quest)	Negative	IFA	R = 3-5 days	Sent out.
ANTI-HU	NEURO	NEURONAL				,				See Anti-Neuronal Nuclear AB (ANNA)

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
			. 7 7.7.7.7	Ti		<u> </u>	Negative : < 20 Units			
						Clinical	Weak Pos: 20-39 Mod			
		EXT NCLR ANTG (ENA)			Red Top with	Immunology,	Pos: 40-80 Strong Pos:	Enzyme Immunoassay		
ANTI-LA ANTIBODY	SSB	SSB	86235	3 mL blood	Gel (Gold)	Core	≥80	(EIA)	R = Weekly	
ANTI-LIVER-KIDNEY						Reference Lab				See report for interpretation. Sent
MICROSOME	LIVKI	LIV KID MI	86376	5 mL blood	Red Top Vac	(Quest)	See Report	IFA	R = 3-5 days	out.
										Interpretation :   20.0 Negative, no Mitochondrial Ab.
							Interpretation :			20.1 - 24.9 Suggest further testing
						Clinical	Negative: < 20.0			> 25.0 Positive, presence of
ANTI-MITOCHONDRIAL		ANTI-MITOCHONDRIAL			Red Top with	Immunology,	Equivocal : 20.1 - 24.9	EIA Enzyme	R = once a	Mitochondrial Ab and suggests the
ANTIBODY	MITAB	AB EIA	83516	3 mL blood	Gel (Gold)	Core	Positive : ≥ 25.0	Immunoassay	week	possibility of primary biliary cirrhosis
										Sent Out. Dark
						Reference Lab				Blue (EDTA) or Plain red trace metal
ANTIMONY	ANTIM	ANTIMONY	83015	5 mL blood	See Comments	(Quest)	See Report			free tube.
ANTI-NEURONAL										
NUCLEAR AB (ANNA)	NEUDO	NEUDONA	86255	Carl black	Ded Tec Man	Reference Lab	Namati .a	IEA / Maatra - Dist	D 67.1	Sent out. If IFA is positive, Reference
(ANTI-HU) (ANTI RI)	NEURO	NEURONAL	84181	5 mL blood	Red Top Vac	(Quest)	Negative	IFA / Western Blot	R = 5-7 days	Lab perofrms Western Blot to confirm.
ANTI-NEUTROPHILE CYTOPLASMIC					ĺ	Clinical		Indirect		Reflexive Rule: If Positive, an ANCA will
ANTIBODY SCREEN					Red Top with	Clinical Immunology,		Immunofluorescence	R = once a	be ordered and billed (CPT 86256). See ANCA for more details. Fasting
ANCA Screen	ANCSN	ANCA SCRN	86255	3 mL blood	Gel (Gold)	Core	Negative	(IFA)	week	Required.
, 5/1 0010011	7410014	7111071 007111	00200	S THE DIGGO	COI (COIU)	Clinical		Indirect		1.044.104.1
ANTI-NUCLEAR		ANTI NUCLEAR		5 mL blood	Red Top with	Immunology,		Immunofluorescence		If positive, an ANA Titer (CPT 86039)
ANTIBODY	ANA	ANTIBODY or ANA	86038	(Ped) 3 mL blood	Gel (Gold)	Core	Non-reactive	(IFA)	R = M,W,F	and pattern determination is done.
ANTI-PANCREATIC ISLET		ANT ISLET CELL w		,	` ′	Reference Lab		,		
ANTIBODIES	ISLE1	REFLEX TITER	86341	5 mL blood	Red Top Vac	(Quest)	Negative	IFA	R = 3-5 days	Sent out.
						Clinical		Indirect		
ANTI-PARIETAL CELL		ANTI PARIETAL CELL			Red Top with	Immunology,		Immunofluorescence	R = once a	
ANTIBODY	APCA	ANTIBODY	86256	5 mL blood	Gel (Gold)	Core	< 1:20	(IFA)	week	
ANTI DI IOODI IOI IDID AD										Order as Anti-Cardiolipin IgG, IgM, and
ANTI-PHOSPHOLIPID AB				10 mL blood						lgA
				Whole Blood						Draw M-W only. Do
				Required						not refrigerate or freeze. Must be
ANTI-PLATELET		ANTIPLATELET AB DIR		Keep at room	2 Lavender Top	Reference Lab				received at AML within 48 hours of
ANTIBODY (Direct)	APAD	or PLT AB, DIR	86022	temperature	Vac	(Quest)	See Report	Microtiter	R = 3-5 days	being drawn. Sent out.
										Spin 10 minutes and freeze plasma in
										plastic vial. Ship frozen plasma on dry
ANTI-PLATELET					Lavender Top	Reference Lab				ice. Sent
ANTIBODY (Indirect)	PLAB1	PLTELET AB INDIRECT	86022	5 mL blood	Vac	(Quest)	See Report	Microtiter	R = 3-5 days	out.
ANTI DETICUIUM AD (I.O)	DETAD	DETIONAN	86225	5 I I I I	D. I.T 1/	Reference Lab	0	15.4	D 57.1	0
ANTI-RETICULIN AB (IgG)	RETAB	RETICULIN AB	86225	5 mL blood	Red Top Vac	(Quest)	See Report	IFA	R = 5-7 days	Sent out.
					ĺ	Clinical	Negative : < 20 Units Weak Pos: 20-39 Mod			
		EXT NCLR ANTG (ENA)			Red Top with	Immunology,	Pos: 40-80 Strong Pos:	Enzyme Immunoassay		
ANTI-RO ANTIBODY	SSA	SSA	86235	3 mL blood	Gel (Gold)	Core	≥80	(EIA)	R = Weekly	
							Negative : < 20 Units	,	,	
ANTI-SMITH					ĺ	Clinical	Weak Pos: 20-39 Mod			
Extractable Nuclear		EXT NCLR ANTG (ENA)		3 mL blood	Red Top with	Immunology,	Pos: 40-80 Strong Pos:			
Antigen (ENA) SM	SM	SMITH	86235	(Min) 1.0 mL blood	Gel (Gold)	Core	≥80	Enzyme Immunoassay	R = Weekly	
										Interpretation: <
					ĺ					20 Units Negative > 20
					ĺ					Units Positive, presence of Actin
					ĺ					Antibodies - suggests the possibility of autoimmune hepatitis or chronic active
					ĺ					hepatitis. Reflexive
					ĺ	Clinical				Rule: If greater than 20, the Anti
ANTI-SMOOTH MUSCLE		ANTI-SMOOTH			Red Top with	Immunology,		EIA Enzyme	R = once a	Smooth Muscle Ab (86256) will be
ACTIN ANTIBODY	ACTAB	MUSCLE AB	83516	5 mL blood	Gel (Gold)	Core	< 20	Immunoassay	week	added and billed.
					<u> </u>			Indirect		Non-orderable, Will be reflexed if the
ANTI-SMOOTH MUSCLE					ĺ			Immunofluorescence	R = once a	Anti Smooth Muscle Actin Ab is greater
ANTIBODY	non-orderable	non-orderable	86256					(IFA)	week	than 20.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
						Clinical	0-5 yrs= <125 IU/mL			
		ANTI STREPTOLYSIN				Immunology,	5-21 yrs= <250 IU/mL			
ANTI-STREPTOLYSIN O	ASO	O TITER	86060	3.0 mL blood	Red Top Vac	Core	>21 yrs= <125 IU/mL	Nephelometry	R = M - F	
ANTI-STRIATED MUSCLE		ANTI STRIATED				Reference Lab				
ANTIBODY ANTI-ST-MU	ASTM	MUSCLE AB	86256	5 mL blood	Red Top Vac	(Quest)	See Report	IFA	R = 3-5 days	Sent out.
AITHBODT AITH-ST-IVIO	AOTIVI	ANTITHROMBIN III	00230	3 IIIL DIOOG	2 Blue Top Vac	Coagulation,	оее кероп	II A	R = once per	Patient should not be on Heparin
ANTITHROMBIN III	ATIII	FUNCTION	85300	9.0 mL blood	Tube	RIH	Functional 63-122	Chromogenic	week	therapy.
ANTI-THYROGLOBULIN										
ANTIBODY										See Thyroglobulin Autoantibodies
										Anti-TPO replace Anti Thyroid
ANTI-THYROID		ANTITHRYOID			Red Top with	Chemistry,		Immunochemi-		Microsomal Ab. Freeze serum
PEROXIDASE ANTIBODY	ATPO	PEROXIDASE AB	86376	3 mL blood	Gel (Gold)	Core	1 - 60 IU/mL	luminesence	R = M,Th	immediately after processing.
TERCOMBRIGE ANTIBODI	7111 0	7 ENONIBRIOL 71B	00070	O THE BIOOD	CCI (COIG)	COIC	1 00 10/1112	Turriirieseriee	10,111	ininiodiatory ditor processing.
										Recommended steady state
										anticoagulation level for Unfractionated
										Heparin is between 0.3 - 0.7 anti Xa
										U/ML. Recommended peak
										anticoagulation intervals for LMWH
										collected 3 - 5 hours after S.C. injection are as follows: Q 12 Hour
										Regimen: 0.6 - 1.0
										Anti Xa U/ML Q
										24 Hour Regimen:
										1.0 - 2.0 Anti Xa U/ML
										This result requires interpretation in this
										context. Patients taking oral Anti Xa
										drugs such as Rivaroxaban and
										Apixaban will typically show Anti Xa
										levels between 0.2 - 2.0 Anti Xa U/ML.
										A level of less than 0.02 Anti Xa U/ML
ANTI Xa	AXA	ANTI Xa	85520	4.5 mL Blood	Blue Top Vac	Coagulation	See Comments	Chromogenic	R & S = 1 hr.	can be used to exclude drug presence.
ANTI-YO (Purkinje Cell			86255			Reference Lab		_		<u> </u>
AB)	PURKE	PURKINJE YO AB	86256	5 mL blood	Red Top Vac	(Quest)	Negative	IFA	R = 5-7 days	Sent out.
										Patient should not be on Heparin or
										Coumadin. Also known as a Screening
										assay for Factor V Leiden.
					L	Coagulation,				There is also a Genetic assay, F-V MUT
APC RESISTANCE	APCSO	APC RESIST	85300	4.5 mL blood	Blue Top Vac	RIH	2.5 - 5.5 ratio	Clottable	R = 3-5 days	DNA performed by Molecular Biology.
	40044	APOLIPOPROTEIN A1		3 mL Blood <b>ON</b>	Gold or Red	Reference	0 0	Nicolaria con esta	R = 7 days	
APOLIPOPROTEIN A-1	APOA1	SO	82172	ICE	Top Vac	Lab (Quest)	See Report	Nephelometry	S = N.A.	
APOLIPOPROTEIN A-1 & B	ADOD	APOLIPOPROTEIN A1	82172	E and Discol	Gold or Red	Reference	Caa Danam	Nambalawite	R = 7 days	The ratio provided in AnaD/A4
with Ratio	APOB	AND B	82172	5 mL Blood	Top Vac	Lab (Quest)	See Report	Nephelometry	S = N.A.	The ratio provided is ApoB/A1
	40040	APOLIPOPROTEIN B			Gold or Red	Reference	0 0 .		R = 7 days	
APOLIPOPROTEIN B	APOAB	SO	82172	3 mL Blood	Top Vac	Lab (Quest)	See Report	Nephelometry	S = N.A.	
										Testing will not be released by
				l						Reference Lab until a Genetic
				10 mL Blood						Release form has been completed.
				Whole Blood						Must be drawn M-W or Thursday,
APOLIPOPROTEIN E		APOE GENOTYPE		Required	2 Lavender	Reference				but must be received at TMH by 2
GENOTYPING	APOE1	ADMARK	81401	Room Temp	Top Vac	Lab (Athena)	See Report	PCR	R=2 weeks	PM.
										Critical Value : PTT >
										135 seconds Accuracy of
aPTT (PTT)										this test is based on the ratio of Blood
(Activated Partial					L		6 mos Adult		R = < 4 hrs.	to anticoagulation: The tube MUST
Thromboplastin Time)	PTT	PTT	85730	2.7 mL blood	Blue Top Vac	Coagulation	24 - 37 sec.	Clottable	S = 45 min	contain at least 2.7 mL of blood.
			86651							
ARBO VIRUS ANTIBODY		ADDOMIDUO 1014 15	86652		D. 1.T	D. (				Includes St. Louis, EEE, WEE and
Titers - IgM Antibodies to	AD!!! 44	ARBOVIRUS IGM AB	86653	Carl black	Red Top with	Reference Lab	Can Danast		D 44 1	CAE. Sent to
Arbo Virus	ARIM1	PANEL	86654	5 mL blood	Gel (Gold)	(Quest)	See Report	J	R =14 days	Focus via Quest

LIC ODDED

TECT WANT	LIS ORDER	SMS ODDED NAME	CDT C- 44	CDECIMEN.	CONTAINED		DEFENSE DANCE	METHOD	Turnaround	2011-11-2
TEST NAME	NAME	SMS ORDER NAME	86651	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
ARBO VIRUS ANTIBODY			86652							Includes St. Louis, EEE, WEE and
Titers - IgG Antibodies to		ARBOVIRUS IGG AB	86653		Red Top with	Reference Lab				CAE. Sent to
Arbo Virus	ARIG1	PANEL	86654	5 mL blood	Gel (Gold)	(Quest)	See Report		R =14 days	Focus via Quest
ARGININE VASOPRESSIN										
(ANTIDIURETIC										
HORMOME)	AVP									See ADH
,										Sent out. Fish, shellfish and kelp
				5 mL Blood at						should not be consumed for at least
				Room temp	Green Top					one week prior to test. Alt. Tube is
ARSENIC		45051110 51 005		Whole Blood	Vac (Sodium	Reference Lab	0 5 .	100.110		Dark / Royal Blue with EDTA or Sodium
WHOLE BLOOD	ARS	ARSENIC BLOOD	82175	Required	Heparin) Clean plastic	(Quest)	See Report	ICP-MS	R = 5-7 days R = Fri.	Heparin.
ARSENIC, RANDOM					(100 mL) urine	Toxicology,		Atomic Absorption	(Biweekly)	
URINE	UASR	U ARSENIC RANDOM	82175	Random urine	container	RIH	0 - 100 ug/L	Spectrometry	S = 24 hr	Toxic: > 200 ug/L
-					Clean plastic (2		<del>-</del> -			Toxic: Acute >200 ug/L Refrigerate
					L) urine				R = Fri.	specimen during collection.
					container with	Toxicology,		Atomic Absorption	(Biweekly)	Preservative should be added prior to
ARSENIC, URINE 24Hr	UAS	U ARSENIC 24 HR	82175	24 hour urine	25mL 6N HCL	RIH	0-100 ug/L	Spectrometry	S = 24 hr	specimen collection.
						1				
							Normals pH 7.35-7.45 PO2 80-105 mm/Hq			
					Labeled		O2 Sat. 95-98%			
					heparinized	Blood Gas	PCO2 35-45 mm/Hq,			Orderable under Respiratory at TMH.
					syringe . Please	Lab @ TMH	TCO2 23-27 meq/L.			Correct protocol for the collection of
		ABG (RIH)		3 mL blood	remove needle		Order requests should			Arterial Blood specimens is available
ARTERIAL BLOOD		BG		Whole Blood	and place cap	Chemistry @	include patient temp and	Direct Electrode	S = 10	through the Respiratory Therapy Dept.
GASES	ABG	ARTERIAL (TMH)	83803	Required	on syringe.	RIH	respiratory parameters.	Measurement	minutes	@ TMH.
ASCA	SACAB	SACCHAROMYCES IGA AND IGG								See Saccharomyces Cerevisiae Antibodies
ASCORBIC ACID	SACAD	IGA AND IGG		5 mL blood		Reference Lab				Sent out. Freeze sample and protect
(Vitamin C)	VITC	Vit C	82180	Protect from light	Red Top Vac	(Quest)	See Report.	Spectrophotometry	R = T & Th	from light.
(**************************************		•		i i i i i i i i i i i i i i i i i i i		(4220)				Synonym: SGOT
ASPARTATE AMINO-					Green Top Vac			Oxidation of NADH	R = 4 hours	Test cannot be performed on lipemic
TRANSFERASE	AST	AST SGOT	84450	4 mL blood	with Gel (Mint)	Chemistry	Adult: 10-42 IU/L	(Kinetic)	S = 1 hr.	serum
l										
ASPERGILLUS ANTIGEN	ACDEL	ASPERGILLUS AG EIA SERUM		C! black	Dad Tan Man	Reference Lab	Can Danast	F	D 57 days	
(Galactomannan)	ASPEI	ALLERGEN		5 mL blood	Red Top Vac	(Quest)	See Report	Enzyme Immunoassay	R = 5-7 days	
ASPERGILLUS		ASPERGILLUS			Red Top with	Reference Lab				Tests for antibodies directed towards A.
FUMIGATUS IgE	AFUM	FUMIGATUS	86331	3.0 mL blood	Gel (Gold)	(Quest)	Negative		R = 5-7 days	fumigatus, A. niger, and A.flavus.
ASPERGILLUS					Red Top with	Reference Lab	-			
FUMIGATUS ANTIBODY	ASPAB	ASPERGILLUS AB	86331	3.0 mL blood	Gel (Gold)	(Quest)	See Report		R = 5-7 days	
Aspirate AFB Culture and		ASPIRATE AFB CULT	87206	l	White Top	L		Semiautomated	R = 6 weeks	Critical Value : Positive Aspirates only.
Smear	CXAFB	AND SMEAR	87116	Aspirated material	Vacutainer	Microbiology	No Growth	detection and smear	S = N.A.	MANDATORY - Label Site.
Aspirate Culture and		ASPIRATE ANA AER	87205 87070		White Top	1		Aerobic, Anaerobic, Yeast Culture and		Deliver to lab immediately. Aspirates only. (MANDATORY - Label
Smear	CXANA	CULT AND GS	87075	Aspirated material	Vacutainer	Microbiology	No Growth	gram stain	R= 5 days	Site.)
	3,440.	302.72 00	0.0.0	rated material				Culture for yeast and	0 44,0	,
Aspirate Fungal Culture		ASPIRATE FUNGAL	87206		White Top	1		mold.	R = 4 weeks	Aspirates only. (MANDATORY -
and Smear	CXFUS	CULT AND SM	87102	Aspirated material	Vacutainer	Microbiology	No Growth	Smear: calcoflour	S = N.A.	Label Site.)
										Reflexive Rule effective 2/3/11: If a
						1				CBC isn't ordered with this test, a
						1				Platelet and HCT will be reflexed.
					1 Blue Top & 1	1				Blood must be received in lab within 2 hours. Do not place
ASPIRIN EFFECT		ASPIRIN EFFECT			Lavender Top	1	Normal > 550 ARU (no	Turbidometric Optical	R = 3 hours S	on ice or centrifuge.
DETECTION	ASAEF	DETECTION	85576	4.5 mL Blood	Vac	Coagulation	COX1 inhititor effect)	Platelet Aggregation	= 1 hour	Available daily 7 AM to 10 PM
							,	1		
						1		Oxidation of		
		107.555		l	Green Top Vac	l.,		Triarylimidizole Leuco	R = 4 hours	
AST ASYMETRIC BUMETUNG	AST	AST SGOT	84450	4 mL blood	with Gel (Mint)	Chemistry	Adult: 10-42 IU/L	Dye @ 37 C (Kinetic)	S = 1 hr.	Synonym: SGOT
ASYMETRIC DIMETHYL										Soc ADMA
ARGININE		l	<u>I</u>	l .	I	L		1	L	See ADMA

Part		LIS ORDER					I		1	Turnaround	
Transport Control   Cont	TEST NAME		SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD		COMMENTS
### PATRICAL CONTROL APPLIANCE   100											
MONTH   MANUAL AND   MONTH   MON											
March   Marc		LORAZ		80154	5 mL blood			10-240 ng/mL.	Chromatography	S = 8 hrs.	Toxic: >300 ng/mL
Material   Mode   Mod	Auerobasidium Pullulans	ΔΡΙΙΙ		86331	3 ml Blood			Negative	Immunodiffusion	P = 14 days	
MORT MOTIFY AND   Mort ordered   10/1999   Mort   See   Mort	AU	AFUL	FOLLOLANS IGL	00331	3 IIIL BIOOG	Ger (Gold)	(Quest)	Negative		K = 14 days	
METITY   NOR   CPVE   0000   Not obesidate			NORTRIPTYLINE				Toxicology,	Therapeutic Range:		R = Tu & F	
Mar orderable   10.259   Smit blood   Red Sty Vec   Course)   See Report   RIA   R. 1.0 days   Sent to Margin Histoprocessor)   Course	AVENTYL	NOR	LEVEL	80182	10 mL blood	Red Top Vac					Toxic: >500 ng/mL
H											
11   12   13   14   15   15   15   15   15   15   15	AZT (Zidovudine)		Not orderable	80299	3mL blood	Red Top Vac	(Quest)	See Report	RIA	R = 10 days	
### APPENDICTION TO THE PARTY OF THE PARTY O											
INTERCEDIOUS PRINTERS   PRIVATE   BITTOR   PARTE   Set 10   10   10   10   10   10   10   10			B HADBOANDITA			Croop Top Voc					
Sum	R HYDROXYBUTYRATE	BHYDX		84311	5 ml blood		Chemistry	0.02 - 0.27 mM	Colorimetric	S = 1 hour	
## AUTO-   Aut	BIIIBROXIBOTIIVILE	БПТБХ	70112	04011	o me biood		Orientiatry	0.02 0.27 111101			
See Variant B12   Marketin	B.U.N.	BUN	BUN	84520	3 mL blood		Chemistry	6-24 mg/dL		S = 1 hr.	
See   Section   See	B12, VITAMIN					` /		- U	,		See Vitamin B12
AGESTAND AND ADDRESS CONTROL OF THE	BABESIA AB						Reference Lab				
Sometic Parasites)  Affirm VP III or the agents associated with headerful he	lgG/lgM	BABAB	BABESIA IGG AND IGM	86317-90	5 mL blood	Red Top Vac	(Quest)	See Report	IFA	days	Ship frozen serum
AGTERMAL VACAMODISS GOESTA I Thirthormones. AGATERMAL VACAMODISS GOESTA I Thirthormones. AGATERMAN GOEST	BABESIA SMEAR					ĺ					
ACTERIAL WAGNOODS ACTION TO PROVIDE A CONTROL OF THE PROVIDED ACTION TO PROVIDE ACTION T	(Smear for Parasites)										See Blood Parasites
ACTERIOR WAS NOTED STATES AND ATTERN TO STATES AND						ĺ					
ACTERIAL VAGINOSIS CREEN I Trinchoronas, CRE						1	1		•		
ACTERIAL VAGINOSIS CREEN (Titchromas, Cardida, and BV using) BVS VAGINOSIS SCRIV 97800 colosion in VALVE (Correction bit Morphology Control bit Morphology (Correction bit M						ĺ					
SCREEN (Trichononas, and Wusing BVS (SENTAL BACT VAGINOSIS SCRIV 18760 SITE of Sentence of	BACTERIAL VAGINOSIS										
See Cast Scratch Flower Annoyage Section by Caster Service Ser	SCREEN (Trichomonas,			87480		Affirm VP III swah	Molecular				
SAL Quantative Culture  ASATONELLA ANTIGODE'S CATE STATEMENT ANTIGODE'	Candida, and BV using		GENITAL BACT	87510	Affirm VP III swab		Microbiology				Specimens not received in the Affirm
See Cut Scratch Fever Antibodies  AL QUANT CULTYGS 87071 Bronchial Lavage  AND CONTRIBUTION SAFTONELLA  ANTINDEDIES Gal Scratch fever and french fevery  Exch 1 Translocation by PCR  BCL 1 PCR  BCL 2 MAJ  BCL 2	Affirm )	BVS	VAGINOSIS SCRN	87660	collection kit ONLY	ONLY	Coro	Negative	Candida sp.	R= M-F	·
SAL QUANT CULT/GS											
ABATTORELLA NITHODIELS Cat Scratch fever and french fever) 3 m. Libod 4 mole Blood 3 m. Libod 4 mole Blood 4 mole Blood 5 m. Libod 5 m. Libod 5 m. Libod 5 m. Libod 6 mole Blood 5 m. Libod 6 mole Blood 5 m. Libod 6 mole Blood 7 mole Blood 7 mole Blood 7 mole Blood 8 mole Bl	DAL O O . It	OVDOT	DAL CHANT OUT TOO	07074	Day and the later of the later			Mr I D 'sata Elas		D 0 1	
NOTIBODIES Call Scratch fever and French (ever)  CCR Scratch fever Antibodies  See Cat Scratch Fever Antibodies  See Cat Scratch Fever Antibodies  Test performed Mr- F. See CSF or Bone Marrow bCl-1 PCR, if Biology, RIH  Molecular SREAMPOINT CLUSTER  BCL2 MAJ OR SREAMPOINT CLUSTER  BCL2 MAJ SPECIAL STREAM SEED STREAM		CXBQT	BAL QUANT CULT/GS	87071	Bronchiai Lavage	container	Microbiology	Mixed Respiratory Flora	culture including yeast	R= 2 days	10,000cfu/mL
Cal Stratch fever and Terreinch fever)  SCL-1 PCR  SCL-2 MAJOR  SCC-2 MAJ											
See Cal Scratch Fever Antibodies   See Cal Scratc											
BCLPC BCL PCR G0452 Required CGP G0452 Required Silver Top Molecular DCR G0452 Require	Trench fever)										See Cat Scratch Fever Antibodies
SCL_2 MAJOR   SCL_2 MAJOR   SCL_2 MAJOR   STANDARD   STANDARD   SCL_2 MAJOR   STANDARD   STANDARD   SCL_2 MAJOR   STANDARD   STAND	BCL-1 PCR						Clinical				
SCL-2 MAJOR BREAKPOINT CLUSTER PCR BCL2M BCL2 MAJ BCL2 Major BCR2 MAJ BCL2	bcl-1 Translocation by										
REAKPOINT CLUSTER CR BCL2 MAJ BCL2 MINOR Required B1401 BCL2 MINOR B1401 BCL2 MINOR B1401 BCL2 MINO B1401 BCL2 MINO B1401 BCL2 MINOR BCR B1401 BCL2 MINOR B1401 BCL2	PCR	BCLPC	BCL 1 PCR	G0452	Required	Vac	Biology, RIH	Negative	PCR	R = 2-4 days	applicable.
REAKPOINT CLUSTER CR BCL2 MAJ BCL2 MINOR Required B1401 BCL2 MINOR B1401 BCL2 MINOR B1401 BCL2 MINO B1401 BCL2 MINO B1401 BCL2 MINOR BCR B1401 BCL2 MINOR B1401 BCL2	DOL O MA IOS				3 ml blood	1	Clinian'				Test and smed M. F. C.
				81/101		Lavender Top					
3 mL blood Whole Blood Required Vac Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 Adays applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 MINOR Breakpoint Cluster PCR, if Biology, RIH Negative R = 2-4 days applicable.  Test performed M - F. See CSF or Bne Marrow BCL-2 Adays applicable.  Test performed M - F. See CSF or Bne Marrow Bollogy, RIH Negative R = 2-7 day		BCL 2M	BCL 2 MA.I					Negative	PCR	R = 2-4 days	
SICL 2 MINOR SIREAKPOINT CLUSTER BL2MI BCL 2 MIN BCL 2 M			2022	00.02			9,,1				
BL2MI BCL 2 MIN G0452 Required Vac Biology, RIH Negative PCR R = 2-4 days applicable.  Test performed M - F Collect sample M - Th Sample must be received within 24 hours of being drawn and should be kept on ice. See Bone Marrow BCR ABL Translocation PCR, if Bology, RIH Negative RT PCR R-7-10 days applicable.  BCR ABL GENE BCR ABL 1 GE	BCL-2 MINOR				3 mL blood	ĺ	Clinical				
Test performed M - F Collect sample M - Th Sample must be received within 24 hours of being drawn and should be kept on ice. See Bone Marrow BCR ABL Translocation PCR, if RANSLOCATION PCR BCRAB BCRAB LOUAL PCR BCRAB BCRAB LOUAL PCR BCRAB BCR ABL QUAL PCR BCRAB BCR ABL QUAL PCR BCRAB BCR ABL GENE BCR ABL GENE BCR ABL GENE BCRARANGEMENT PCR BCRAR RARRANGEMENT BCR ABL GENE BCRAR RARRANGEMENT BCR ABL GENE BCRARRANGEMENT BCR ABL GENE BCR ABL Tanslocation PCR, if Bology, RIH Negative RT PCR R=7-10 days BCR GE-7-10 days BCR ABL Tanslocation PCR, if BCR ABL TANSLOCATION BCR ABL TANSLOCATI	BREAKPOINT CLUSTER										
Collect sample M -Th Sample must be received within 24 hours of being drawn and should be kept on ice. See Bone Marrow BCR ABL GENE BCR ABL QUAL PCR G0452 Required Vac Biology, RiH Vac Biology, RiH Negative RT PCR Reference Lab Quantitative BCR ABL GENE REARRANGEMENT PCR ADMINISTRANGEMENT BCR ABL GENE REARRANGEMENT BCR ABL GENE Whole Blood Whole Blood Whole Blood Vac Clinical Guest) See Report BCR ABL GENE Clinical Guest) See Report BCR ABL GENE Clinical Guest) See Report BCR ABL GENE Clinical Guest) See WEFP If Bence Jones protein is detected, then U FE (CPT 86334) will be reflexively ordered and charged.  U MUCOPOLYSACC-  U MUCOPOLYSACC-  U MUCOPOLYSACC-  Amino Acid	PCR	BL2MI	BCL 2 MIN	G0452	Required	Vac	Biology, RIH	Negative	PCR	R = 2-4 days	11
Sample must be received within 24 hours of being drawn and should be kept on ice. See Bone Marrow BCR ABL Translocation PCR, if Molecular BCR ABL QUAL PCR G0452 Required Vac Biology, RIH Negative RT PCR R=7-10 days applicable.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  See UPEP  If Bence Jones protein is detected, then U IFE (CPT 86334) will be reflexively ordered and charged.  U MUCOPOLYSACC-  U MUCOPOLYSACC-  U MUCOPOLYSACC-  Clian plastic (100 mL) urine Amino Acid						1	1				
SCR ABL SCR ABL QUAL PCR BCRAB BCR ABL QUAL PCR BCRAB BCR ABL QUAL PCR G0452 Required Vac Whole Blood Required Vac Whole Blood Required Vac Biology, RIH Negative RT PCR REference Lab Quantitative BCR QR REARRANGEMENT PCR Duantitative BCRQR REARRANGEMENT BCRQR BCRABL GENE Clinical Immunology, Clinical Immunology, Clinical Immunology, Clinical Immunology, Clinical Immunology, Core No Protein Detected Belectrophoresis R= 5-7 days Ordered and charged.  U MUCOPOLYSACC-  U MUCOPOLYSACC-						1	1				
SCR ABL FRANSLOCATION PCR BCRAB BCRAB BCRABL QUAL PCR BCRABL GENE REARRANGEMENT PCR Quantitative BCRAR ABL GENE REARRANGEMENT BCRABL GENE REARRANGEMENT COLUMNOTORY COLUMNOTORY BCRABL GENE REARRANGEMENT BCRABL GENE REARRANGEMENT COLUMNOTORY BCRABL GENE REARRANGEMENT COLUMNOTORY BCRABL GENE REARRANGEMENT REAR						1	1				
RECR ABL REANSLOCATION PCR BCRAB BCR ABL QUAL PCR BCRAB BCR ABL QUAL PCR BCRABL QUAL PCR BCRABL GENE REARRANGEMENT PCR BCRABL GENE REARRANGEMENT PCR BCRABL GENE REARRANGEMENT PCR BCRABL GENE REARRANGEMENT Reference Lab (Quest) Vac Clinical Immunology, Core No Protein Detected Clean plastic (100 mL) urine Clean plastic (100 mL) urine Amino Acid					5 mL blood	1	Clinical				
FRANSLOCATION PCR BCRAB BCRAB UAL PCR G0452 Required Vac Biology, RIH Negative RT PCR R=7-10 days applicable.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  Sample shipped at Room Temperature or 4 degrees. Do not freeze. Record time and date of draw on label.  See UPEP  If Bence Jones protein is detected, then U IFE (CPT 86334) will be reflexively ordered and charged.  U MUCOPOLYSACC-  U MUCOPOLYSACC-  Clean plastic (100 mL) urine  Amino Acid  Amino Acid	BCR ABL			82106		Lavender Top					
SCR ABL GENE REARRANGEMENT PCR DUANTITATIVE BCR ABL1 GENE REARRANGEMENT PCR BCR ABL1 GENE REARRANGEMENT BCR  BCR ABL1 GENE BCR REARRANGEMENT  BCR ABL1 GENE BCR REARRANGEMENT  BCR ABL1 GENE BCR REARRANGEMENT  B1206 Required  Vac  (Quest) See Report  PCR Ship ASAP.  See UPEP If Bence Jones protein is detected, then U IFE (CPT 86334) will be reflexively  BENCE JONES PROTEIN  U PROTEIN  U PROTEIN  BENCE JONES PROTEIN  U PROPOLYSACC-  U MUCOPOLYSACC-  (100 mL) urine  Amino Acid  Amino Acid	TRANSLOCATION PCR	BCRAB	BCR ABL QUAL PCR					Negative	RT PCR	R=7-10 days	
REARRANGEMENT PCR Quantitative  BCR ABL1 GENE REARRANGEMENT  BCR ABL1 GENE REQUIRED  REQUIRED  REQUIRED  Reference Lab (Quest) See Report  Reference Lab (Quest) See Report  PCR  Ship ASAP.  See UPEP  If Bence Jones protein is detected, then U IFE (CPT 86334) will be reflexively ordered and charged.  U MUCOPOLYSACC-  U MUCOPOLYSACC-  U MUCOPOLYSACC-  U Mode Blood Required  Lavender Top Vac (Quest) See Report  PCR  Ship ASAP.  Clinical Immunology, Core No Protein Detected Electrophoresis R= 5-7 days Ordered and charged.											
Quantitative BCRQR REARRANGEMENT 81206 Required Vac (Quest) See Report PCR Ship ASAP.  See UPEP If Bence Jones protein is detected, then U IFE (CPT 86334) will be reflexively ordered and charged.  U MUCOPOLYSACC-  U MUCOPOLYSACC-  U MUCOPOLYSACC-  Quest) See Report PCR Ship ASAP.  See UPEP If Bence Jones protein is detected, then U IFE (CPT 86334) will be reflexively ordered and charged.  Clean plastic (100 mL) urine Amino Acid	BCR ABL GENE					[	Ĺ				
See UPEP    U PROTEIN   U PROT		DODOD		04000				O D	DOD		
BENCE JONES PROTEIN UPEP LECTROPHORESIS 84165 Random Urine Urine Container Core No Protein Detected Electrophoresis R= 5-7 days If Bence Jones protein is detected, then U IFE (CPT 86334) will be reflexively ordered and charged.  Clean plastic (100 mL) urine Amino Acid	Quantitative	BCKQK	REARRANGEMENT	81206	Required	vac	(Quest)	See Keport	PCK		·
BENCE JONES PROTEIN UPEP LECTROPHORESIS 84165 Random Urine Urine Container Core No Protein Detected Electrophoresis R= 5-7 days U IFE (CPT 86334) will be reflexively ordered and charged.  U MUCOPOLYSACC- (100 mL) urine Amino Acid						1	Clinical				
BENCE JONES PROTEIN UPEP ELECTROPHORESIS 84165 Random Urine Urine Container Core No Protein Detected Electrophoresis R= 5-7 days ordered and charged.  Clean plastic (100 mL) urine Amino Acid			II PROTEIN			1					
U MUCOPOLYSACC- (100 mL) urine Amino Acid	BENCE JONES PROTEIN	UPEP		84165	Random Urine	Urine Container		No Protein Detected	Electrophoresis	R= 5-7 davs	
U MUCOPOLYSACC (100 mL) urine Amino Acid	32333333333									2 : 22,0	
BERRY SPOT TEST UMUCO HARIDE SCRN 83866 Random Urine container Lab, NEMC Negative Toluidine blue Mucopolysaccharide											
	BERRY SPOT TEST	UMUCO	HARIDE SCRN	83866	Random Urine	container	Lab, NEMC	Negative	Toluidine blue		Mucopolysaccharide

	LIS ORDER				:::::::::::::::::::::::::::::::::::::::				Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
BETA HUMAN CHORIONIC GONADO TROPIN										See Human Chorionic Gonadotropin (THCG) Quantitative
BETA-2-GLYCOPOTEIN AB (IgA, IgG, IgM)	B2GLY	B2 GLYCOPRO AB	86146x3	6-8 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	EIA		Sent out. Requires 3 mL of serum.
BETA-2-MICROGLOBULIN	UBETR	U BETA 2 MICROGLOBULIN	82232	Random urine No Preservative	Clean plastic (100 mL) urine container	Reference Lab	See Report	Nephelometry		Sent out. pH adjust to between 6-8 as soon as possible.
BETA-2-MICROGLOBULIN	BETAN	BETA 2 MICROGLOB	82232	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology,	0.7 - 2.5 mg/L		R = M-F	
BILE ACIDS (Conjugated)	CHOLG	CHOLYGLYCINE TOTAL BILE ACID		5 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report		R = Mon.	Sent out. 8 hour fast recommended. Unspun or no additive tubes are unacceptable.
BILIRUBIN TOTAL	BILIT	BILI TOTAL	82247	4 mL blood	Green Top Vac with Gel (Mint) Green Top Vac	Chemistry	Total = 0.2-1.1 mg/dL		R = 4 hours S = 1 hr. R = 4 hours	If test performed on a Neonate : Critical > 14.9 mg/dL Test will not be reported on hemolyzed specimens.  Test will not be reported on hemolyzed
BILIRUBIN Direct	BILID	BILI DIRECT	82248	4 mL Blood	with Gel (Mint)	Chemistry	D. Bili = 0.0-0.3 mg/dL		S = 1 hr.	specimens
BIOAVAILABLE TESTOSTERONE BIOTINIDASE	BAV1 or FTST1	Bioavailable and Free Testost BIOTINIDASE	84403 84270 82040	7 mL blood 3 mL blood	Red Top with Gel (Gold) and Green Top with Gel (Mint)  Red Top with Gel (Gold)	Chemistry, Core	See Report See Report	Chemiluminesence  Enzymatic Colorimetric	R = M - F	The group includes Bioavailable Testosterone (calculated), Total Testosterone, Sex Hormone Binding Globulin, Free Testosterone (calculated) and an Albumin.  Sent out. Serum should be separated from cells within one hour of collection. Freeze Serum.
BLASTOMYCES	5.0.15	2/07/1/12/102	0.011	o me bloca	Co. (Co.a)	(Quoot)	oco report	Znzymano colominano	r = r o dayo	- Condition
DERMATITIDIS SEROLOGY	BLASA	BLASTOMYCES AB SO	86331	3.0 mL blood	Red Top Vac	Reference Lab (Quest)	Negative	Immunodiffusion	R = 14 days	
BLEEDING TIME	IVY		85002			Hematology, TMH	2.0 - 9.5 minutes	Triplett		Performed M-F by Phlebotomy personnel at TMH. Asaay will not be performed on children less than 6 years of age. Any questions should be directed to Dr. Joseph Sweeney @ 793- 4810.
BLOOD CULTURE Adult	CXBLD	BLOOD CULT	87040	Adult: 8- 10 mL blood per bottle. Max : 3 Sets/day	Bottles: TREK 1 purple - aerobic bottle and 1 red - anaerobic bottle	Microbiology	No Growth		R = 5 days S = N.A.	Critical Value: Positives, first incidence and every 3 days thereafter or different result.  Collection Procedure: "Clean the skin with an antiseptic skin prep containing 2% Chlorhexidine Gluconated / 70% isopropyl alcohol (Chloroprep SEPP) *Disinfect bottle tops with 70% alcohol *Inoculate 8-10 mL blood/bottle (aerobic bottle first) *Transport bottles promptly to lab

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
BLOOD CULTURE Pedi BLOOD CULTURE Fungus Adult	CX BLD	BLOOD CULT PEDI	87040	up to 10 mL blood per bottle. Refer to Pediatric Blood Drawing Chart	Bottles: TREK 1 purple - aerobic bottle and 1 red - anaerobic bottle		No Growth	Semiautomated Bacterial Detection System	R = 5 days S = N.A.	Critical Value: Positives, first incidence and every 3 days thereafter or different result.  Collection Procedure: *Clean the skin with an antiseptic skin prep containing 2% Chlorhexidine Gluconated / 70% isopropyl alcohol (Chloroprep SEPP) *Disinfect bottle tops with 70% alcohol *Refer to Pediatric Volume chart for proper volume of blood for child (aerobic bottle first) *Transport bottles promptly to lab  Refer to Fungal Isolator Procedure
BLOOD CULTURE Isolator - Fungus	ISFUN	BLOOD ISOLATOR CULT FUNGAL	87103	10 mL Blood for Adults 1.5mL Blood for Pedi	Gold Top Isolator Tube available from the Microbiology Lab	Microbiology	No Growth	Concentration / lysis method	R = 4 weeks S = N.A.	Restricted Procedure: Must obtain prior approval from ID or Microbiology Director to order procedure. When approved, complete a Microbiology Requisition and forward to lab with sample.  Critical Value: All positives.  Collection Procedure: *Clean the skin with an antiseptic skin prep containing 2% Chlorhexidine Gluconated / 70% isopropyl alcohol (Chloroprep SEPP)  *Disinfect isolator tops with 70% alcohol *Transport isolator promptly to lab
BLOOD CULTURE Isolator - AFB BLOOD CULTURE Pedi Fungus	ISAFB	BLOOD ISOLATOR CULT AFB	87116	10 mL Blood for Adults 1.5mL Blood for Pedi	Gold Top Isolator Tube available from the Microbiology Lab	Microbiology	No Growth	Concentration / lysis method	R = 6 weeks S = N.A.	Restricted Procedure: Must obtain prior approval from ID or Microbiology Director to order procedure. When approved, complete a Microbiology Requisition and forward to lab with sample. Critical Value: All positives. Collection Procedure: *Clean the skin with an antiseptic skin prep containing 2% Chlorhexidine Gluconated / 70% isopropyl alcohol (Chloroprep SEPP) *Disinfect isolator tops with 70% alcohol *Transport isolator promptly to lab  Refer to Fungal Isolator Procedure
BLOOD GAS, ARTERIAL	ABG	ABG (RIH) BG ARTERIAL (TMH)		3 mL blood Whole Blood Required	Labeled heparinized syringe. Please remove needle and place cap on syringe.	Blood Gas Lab @ TMH Chemistry @ RIH	Normals: pH: 7.35-7.45; PO2: 80-105 mm Hg; O2 Sat: 95-98% sat; PCO2: 35-45 mm Hg; TCO2: 23-27 mEq/L.	Direct Electrode Measurement	S = 10 mins.	Orderable under Respiratory at TMH. Correct protocol for the collection of Arterial Blood specimens is available through the Respiratory Therapy Dept. @ TMH. Critical Value: Any positive smear
BLOOD PARASITES Thin and Thick Smear	BPARS	BLOOD PARASITE	87207	3 mL blood Whole Blood required	Lavender Top Vac	Hematology	Negative		R = < 5 hrs. S = 1 hr.	for parasites. Interpretation by Hematology. If positive, a Degree of Parasitemia is reflexed.
BMP Basic Metabolic Panel	BMP1	Basic Metabolic Panel 1		5 mL blood	Green Top Vac with Gel (Mint)	Chemistry	See individual procedures	See individual procedures	R = 4 hrs S = 1 hr.	Group contains Glucose, BUN, Creatinine, Sodium, Potassium, Chloride, CO2, Anion Gap and Calcium. CPT for group is 80048

	LIS ORDER	2102 22222						11.000.010	Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
										If assay is used as a Rule Out : 100 pg/mL can be used as a decision
										threshold with 97.4% specificity in
										patients without CHF. In clinically
										confirmed heart failure 72.6% of
										patients had elevations of BNP greater
							Age Specific :			than 100 pg/mL. Sample
							< 45 years 2 - 33 pg/mL			must be collected in a <b>plastic</b> Lavender EDTA Tube. Do not centrifuge if
							45-54 yrs 2 - 46.7pg/mL			ordered in Outreach sites. Transport to
							55-64 yrs 2 - 53.2 pg/mL	2 Site Sandwich		Lab ASAP. If sample can not be
		2.4470##057#0			Plastic		65-74 yrs 2 - 72.3 pg/mL	Immunoassay using		performed within 24 hours, then the
BNP Brain Natriuretic Peptide	BNP	B NATRIURETIC PEPTIDE	83519	5 mL blood	Lavender Top Vac	Chemistry, Core	> 75 yrs 2 - 176 pg/mL See Comments	Direct Chemiluminescence	R = 2 hrs once rec'd	sample must be spun, and plasma
brain Nathuretic Peptide	DINF	PEPTIDE	03319	5 IIIL DIOOG	vac	Core	See Comments	Culture for yeast and	once rec a	frozen.
Body Fluid Fungal		BF FUNGAL CULT AND	87102	Body Fluid	White top			mold.	R= 4 Weeks	
Culture and Smear	CXFUS	SMEAR	87206	aspiration	Vacutainer	Microbiology	No Growth	Smear: calcoflour	S= N/A	
Body Fluid AFB culture		BODY FLUID AFB	87116	Body Fluid	White Top			Semi Automated	R= 6 weeks	
and smear	CXAFB	CULT AND SMEAR	87206	aspiration	Vacutainer	Microbiology	No Growth	detection and smear	S= N/A	Critical Value: Positive
Body Fluid ASPIRATE		BODY FLUID ASP ANA	87075 87070	Body Fluid	White Top			Aerobic, Anaerobic, Yeast Culture and	D_ 5 do://2 0	
Culture and gram stain	CXANA	AER CULT W GS	87070 87205	aspiration	Vvnite rop Vacutainer	Microbiology	No Growth	gram stain	R= 5 days S= N/A	Deliver to Lab immediately.
and grain dain	0,0 HW 1	7.2 3327 77 33	5.200	All Body Fluids	. 200101101	o.oziology				
		1		EXCEPT CSF,	1			Chamber Count,		
BODY FLUID CELL				Synovial, and	Lavender Top			Cytospin, Wright's	R = < 5  hrs.	Should not be ordered on CSF,
COUNT	BFCC	BF CELL CT	89050	Pleural	Vac	Urinalysis		Stain	S = 1 hr.	Synovial or Pleural Fluids.
										Critical Value: Bacteria is noted on any normally sterile
										fluid. Reflex: If BF Diff
BODY FLUID CELL				All Body Fluids						(CPT 89051) is resulted, BF Cell Count
COUNT & DIFF				EXCEPT CSF,				Chamber Count,		(CPT 89050) is credited.
See Comments for	BFCC	BF CELL CT	89050	Synovial, and	Lavender Top			Cytocentrifuge &	R = < 5  hrs.	For Cerebrospinal fluids, see CSF.
Reflexive Rule	BFDIF	BF DIFF	89051	Pleural	Vacutainer	Urinalysis Clinical		Wright's Stain	S = 1 hr.	Transport Stat to lab.
BODY FLUID CMV PCR						Molecular				
Cytomegalovirus by PCR	BFCMP	BF CMV PCR	87496	1.0 mL Body Fluid	Sterile Container		Negative	PCR	R = 2-4 days	Test performed M - F
				All Body Fluids						
				EXCEPT CSF,				Chamber Count,		
BODY FLUID DIFFERENTIAL	BFDIF	BF DIFF		Synovial, and Pleural	Lavender Top Vac	Uringlypia		Cytospin, Wright's Stain	R = < 5  hrs. S = 1  hr.	Should not be ordered on CSF, Synovial or Pleural Fluids.
DIFFERENTIAL	DEDIE	DF VIFF		rieurai	vac	Urinalysis Clinical		Stairi	3 = 1111.	Syriovial of Fleural Fluids.
BODY FLUID EBV PCR						Molecular				
Epstein Barr Virus by PCR	BFEBP	BF EBV PCR	87798	1 mL Body Fluid	Sterile Container	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F
BODY FLUID LYME										
DISEASE AB ( Titer to Borrelia		BF LYME PCR				Boforon oo !			B once re-	Can only be performed an CSE or
( liter to Borrella Burgdorferi) PCR	CLYM	SYNOVIAL	86618	1 mL Body Fluid	White Top Vac	Reference Lab (Quest)	See Report	PCR	R = once per week	Can only be performed on CSF or Synovial Fluids
,		JJ.			op 140	, , , , , , , , , , , , , , , , , , , ,			1	-,
			87075					Aerobic Bacterial		
Body Fluid SWAB Culture		BF SWAB CULT W	87070	Body Fluid	L	L		Culture, including	R= 48 hrs	
and gram stain	CXWND	GS	87205	aspiration	Double swab	Microbiology	No Growth	yeast and gram stain	S= N/A	
Body Fluid T Cell Antigen										
Receptor Beta Gene		1			1	Clinical				
Rearrangement by PCR		1	81340		1	Molecular				
(TCR beta by PCR)	BFTCB	BF TCR BETA PCR	G0452	1 mL Body Fluid	Sterile Container	Biology, RIH	Negative	PCR	R = 7-10 days	Test performed M - F.
		1			1					
Body Fluid T Cell Antigen Receptor Gamma Gene						Clinical				
Receptor Gamma Gene Rearrangement by PCR		1	81342		1	Molecular				
(TCR gamma by PCR)	BFTCG	BF TCR GAMMA PCR	G0452	1 mL Body Fluid	Sterile Container		Negative	PCR	R = 7-10 days	Test performed M - F.
						-	_	Spin amplified	R= 48 hours	
Body Fluid Viral Culture	CXVIR	BF VIRAL CULT	87252	Pleural Fluid only	White Top Vac	Virology, RIH	Negative	detection	S= N/A	Test performed M - F.
Body Fluid VZV PCR		DE MADIOELLA			1	Clinical				
Varicell Zoster Virus by PCR	BFVZP	BF VARICELLA ZOSTER PCR	87798	1ml of Body Fluid	Sterile Containor	Molecular Biology RIH	Negative	PCR	R = 2-4 days	Test performed M - F
i on	DEVZE	ZUSTER FUR	01190	mii oi boay Fiala	Oreme Container	PIOIOGY, KIT	rvegative	I ON	11 = 2-4 uays	reat perioritieu ivi - i

	LIS ORDER			[	F	[		1	Turnaround		
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS	
BONE BIOPSY FOR											
METABOLIC BONE											
DISEASE						Histopath				See Histopathology Section.	
						Special				Specimens accepted M - F, 8	
BONE MARROW			05007	Bone Marrow	Lavender Top	Hematology,		Smear	D 40 l	AM - 4 PM. After hours, Bone	
			85097	Aspirate	Vacutainer	RIH		Wright Stain	R : 1-3 days	Marrows accepted in Main Hematology.	
BONE MARROW BCL-1 PCR					Coming as a contable accept	Clinical					
BCL-1 PCR BCL-1 Translocation by			81401	0.5 mL Bone	Syringe without needle or sterile	Molecular					
PCR	BMBCP	BM BCL 1 PCR	G0452	Marrow in Lav Tube	container	Biology, RIH	Negative	PCR	P = 2-4 days	Test performed M - F.	
BONE MARROW	DIVIDO	DIVI DOL 11 OIX	00432	IVIAITOW III LAV TUDE	container	biology, IXII I	regative	TOIL	11 - 2-4 days	rest performed W-1.	
BCL-2 MINOR					Syringe without	Clinical					
BREAKPOINT CLUSTER			81401	0.5 mL bone	needle or sterile	Molecular					
PCR	BMMIN	BM BCL 2 MIN	G0452	marrow	container	Biology, RIH	Negative	PCR	R = 2-4 davs	Test performed M - F.	
BONE MARROW											
BCL-2 MAJOR					Syringe without	Clinical					
BREAKPOINT CLUSTER			81401	0.5 mL bone	needle or sterile	Molecular					
PCR	BMBMA	BM BCL 2 MAJ	G0452	marrow	container	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F.	
					White top				,		
					Vacutainer or					Critical Value: Positive	
Bone Marrow AFB Culture		BONE MARROW AFB	87116		Pedi Isolator			Semi Automated	R= 6 weeks	Pediatric Isolator tube is available from	
and smear	CXAFB	CULT AND SMEAR	87206	1-2 mL	Tube	Microbiology	No Growth	detection and smear	S= N/A	the Microbiology Lab	
										Samples must be received within 24	
BONE MARROW BCR				0.5 mL bone	Syringe without	Clinical				hours of being collected and should be	
ABL TRANSLOCATION			82106	marrow ON	needle or sterile	Molecular				kept on ice.	
PCR	BMBAB	BM BCR ABL	G0452	ICE	container	Biology, RIH	Negative	RT PCR	R = 7-10 days	Test performed M - F.	
						Special					
BONE MARROW						Hematology,				Call lab at X4-8342. See individual test	
Cytochemistry Battery						RIH				names.	
				D M	F !! .	Special					
DONE MADDOW BIODOX				Bone Marrow	Formalin	Hematology,		Castina II . F		Can I lintan ath alam. Canting	
BONE MARROW BIOPSY				Biopsy	Container	RIH	Male - 46, XY	Section H + E		See Histopathology Section.	
							Female - 46, XX			Please indicate diagnosis for prpoer	
Bone Marrow		Send on Quest	88264	1-2 mL Bone	Sodium heparin	Reference Lab	Sodium Heparin used - 0.5		R = 14-21	test ordering. Quest code 14600 or	
CHROMOSOME STUDY		Cytogenetics Requisition	88237	Marrow	vacutainer	(Quest)	mL (1,000 U/mL)	TC, Chromobreakage	days	14601	
51 II (51 III 5 5 1 II 5 II 5 1 II 5 I		Cytogorionoc rtoquionion	55257	ma.ron	vacatamor	(44001)	(1,000 O/2)	r o, omomobroanago	aayo	1.001	
BONE MARROW CMV					Syringe without	Clinical					
PCR				0.5 mL bone	needle or sterile	Molecular					
Cytomegalovirus by PCR	BMCMP	BM CMV PCR	87496	marrow	container	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F	
Bone Marrow Culture and		BONE MARROW CULT	87070		White top		•	Aerobic culture and	R= 48 HRS		
Gram Stain	CXBM	AND GS	87205	1-2 mL	Vacutainer	Microbiology	No Growth	gram stain	S= N/A	Critical Value : Positive	
BONE MARROW EBV					Syringe without	Clinical					
PCR Epstein				0.5 mL bone	needle or sterile	Molecular					
Barr Virus by PCR	BMEBP	BM EBV PCR	87798	marrow	container	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F	
					White top						
[		B 14 5 :			Vacutainer or			Culture for yeast and		Critical Value: Positive	
Bone Marrow Fungal	072::0	Bone Marrow Fungal	87102	4.0	Pedi Isolator		N. O II	mold.	R= 4 Weeks	Pediatric Isolator tube is available from	
Culture and Smear	CXFUS	Cult/Smear	87206	1-2 mL	Tube	Microbiology	No Growth	Smear: calcoflour	S= N/A	the Microbiology Lab	
DONE WADDOW I-11 DOD						Clinical					
BONE MARROW IgH PCR Immunoglobulin Heavy			81261	0.5 mL Bone		Clinical Molecular					
Chain by PCR	BMIGH	BM IGH PCR	G0452	Marrow in Lav Tube	Sterile Container		Negative	PCR	R - 2-4 days	Test performed M - F	
Chair by FOR	DIVIGIT	DIVITOR	00402	IVIAITOW III LAV TUDE	Sterne Container	Diology	110gauve	1 510	11 - 2-4 uays	Tool performed IVI - I	
Bone Marrow T Cell											
Antigen Receptor Beta					Syringe without	Clinical		1			
Gene Rearrangement by			81340	0.5 mL Bone	needle or sterile	Molecular					
PCR (TCR beta by PCR)	BMTCB	BM TCR B P	G0452	Marrow in Lav Tube	container	Biology, RIH	Negative	PCR	R = 7-10 days	Test performed M - F.	
Bone Marrow T Cell	2100	2 31. 21	J 3-102			0.097, 10.17			10 days		
Antigen Receptor Gamma											
Gene Rearrangement by					Syringe without	Clinical					
PCR (TCR gamma by			81342	0.5 mL Bone	needle or sterile	Molecular					
PCR)	BMTCG	BM TCR G P		Marrow in Lav Tube		Biology, RIH	Negative	PCR	R = 7-10 days	Test performed M - F.	
<del>- '</del>						, ,					

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS	
BORDETELLA					D. I.T.	Defended by		NA ICALA A A LA			
PERTUSSIS AB PANEL (IgA AND IgG)	BORIG		86615x4	5 mL Blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report	Multiple Analyte Immuno Detection			
					Sterile polyester NP swabs placed in Regan		4.0		R = 1 week		
Bordetella Pertussis PCR and				2 Polyester NP	Lowe Media obtained from	Referance Lab			for culture, PCR, 24 hrs	Sont to the Phode Island Department of	
Culture	DBORD	BORD PERT PCR	87265	swabs	lab	- RIDOH	Negative	PCR and Culture	S= N/A.	Sent to the Rhode Island Department of Health	
Bone Marrow VZV PCR Varicella Zoster Virus by PCR	BMVZP	BM VZV PCR	87798	0.5 mL Bone Marrow in Lav Tube	Syringe without needle or sterile container	Clinical Molecular Biology, RIH	Negative	PCR	R=2-4 days	Test performed M-F	
BREAST CYST FLUID BREAST SECRETIONS,						Cytology				See Cytology Section.	
SCRAPINGS						Cytology				See Cytology Section.	
BROMIDE	BROMI	BROMIDE LEVEL	84311	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Spectrophotometry	R = M - Sat S = 8 hrs.	Toxic: >1250 ug/mL	
	BROWN	-			Sterile	(Quest)	Зее Кероп			TOXIC. >1250 ug/IIIL	
Bronchial AFB Culture and smear	CXAFB	BRONCH AFB CULT AND SMEAR	87116 87206	Bronchio-Alveolar Lavage	Leakproof Container	Microbiology	No Growth	Semi Automated detection and smear	R = 6 weeks S = NA	Critical Value: Positive	
BRONCHIAL BRUSH	O/U II D	THE ONE II	01200	Lavage	Container	Cytology	Mixed Respiratory flora	detection and smear	0 - 10 (	See Cytology Section.	
Bronchial Brush Culture		BRONCHIAL BRUSH	87070		Sterile Leakproof			Bacterial Culture, including yeast and	R= 48 hours		
and gram stain	CX BRS	CULT AND GS	87205	Bronchial Brush	Container	Microbiology	Mixed Respiratory flora	gram stain	S= N/A		
Bronch CMV Spin		BRONCH CMV SPIN			Sterile Leakproof			Spin Amplified Cell	R= 48 hours	Results available in 48 hours. Test	
Amplified Culture	CXCMB	AMP CULT	87254	Bronch Wash	container	Virology, RIH	Negative	Culture for CMV	S= N/A	performed M - F.	
					Sterile			Culture for yeast and			
Bronchial Fungal Culture and smear	CXFUS	BRONCHIAL FUNG CULT AND SMEAR	87102 87206	Bronchio-Alveolar	Leakproof Container	Microbiology	Negative	mold. Smear: calcoflour	R= 4 Weeks S= N/A		
and sinear	CAFUS	COLT AND SWEAR	07200	Lavage	Sterile	Microbiology	Negative	Smear. calconour	S= IVA		
Bronchial Legionella		BRONCHIAL		Bronchio-Alveolar	Leakproof				R= 14 days		
Culture	CXLEG	LEGIONELLA CULT	87081	Lavage	Container	Microbiology	Negative	Legionella Culture	S= N/A		
Bronchial Pneumocystis PCP DFA	DFPCP	BRONCHIAL PNEUMOCYSTSIS PCP DFA	87206	Bronchio-Alveolar Lavage or Induced Sputum	Sterile leakproof container	Virology, RIH	Negative	DFA Stain	R = 4 hrs. S = 2 hr.	Critical Value: Positive. Available M-F, AM shift only.	
Bronchial Wash RVP	RVP	RESPIRATORY VIRAL PANEL	87633	bal, Bronch Wash	Sterile Leakproof Container	Virology, RIH	Negative		24 hours during Respiratory season	At RIH, Collection kits available from Central @ 444-5886 or Virology @ 444-5655. At TMH, they are available from Microbiology @ 793-4235. Viruses tested for: RSV, Flu A (nonspecific, probable H1N1), Flu A (H1), Flu A (H3), Flu B, Para 1, 2, 3 and 4 Metapneumovirus, Enterovirus/Rhinovirus, Adenovirus and Corona Virus.	
BRONCHIAL WASH					Sterile	Cytology		Bacterial Culture,		See Cytology Section.	
Bronchial Wash Culture and gram stain	CXBRO	BRONCHIAL WASH CULT AND GS	87070 87205	Bronch Wash	Leakproof Container	Microbiology	Mixed Respiratory flora	including yeast and	R= 48 hours S= N/A		
DDUOGULA ANTEROSM	DDI:C	DDI IOE	00000	0	D. J.T.	Reference Lab	O - D	A I - C C	D 05:	0	
BRUCELLA ANTIBODY	BRUC	BRUCELLA AB	86000	3 mL blood	Red Top Vac	(Quest) Toxicology,	See Report Therapeutic range:	Agglutination	R = 3-5 days R = M-Sat	Sent out.	
BUTALBITAL C TELOPERTIDE	BUTAL	BUTALBITAL LEVEL	82491	5 mL blood	Red Top Vac	RIH Reference Lab	2.0-5.0 ug/mL	Gas Chromatography	S = 6 hrs.	Toxic : > 10 ug/mL	
C-TELOPEPTIDE (Collagen Type I)	CTEO	C TELOPEPTIDE	82523	5 mL blood	Red Top Vac	(Quest)	See Report	Electrochemiluminesce nt Immunoassay		Freeze serum and ship frozen	
C-1-ESTERASE INHIBITOR FUNCTIONAL		C1 ESTERASE	. ,	2.2.2			Adequate Functional			Freeze within one hour of draw. Sent	
ACTIVITY	C1ESF	FUNCTIONAL	86161	5 mL blood	Red Top Vac	(Quest)	Activity	EIA	R = 3-5 days	out.	
C-1-ESTERASE INHIBITOR PROTEIN	C1EST	C1 ESTERASE	86160	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Nfixed Rate Time Nephlometry	R = 3-5 days	Freeze within one hour of draw. Sent out.	
C1Q BINDING (Immune Complex Detection)	C1QB	C1Q BINDING	86332	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	EIA	R = 5-7 days	Sent out.	

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
C1Q COMPLEMENT	0400	C1Q COMPLEMENT	00000	F 1 1 1	D. 1.T 1/	Reference Lab	O B	Radial	D 57 1	0
COMPONENT	C1QC	COMPONENT C2 COMPLEMENT	86332	5 mL blood	Red Top Vac	(Quest)	See Report	Immunodiffusion	R = 5-7 days	Sent out.
C2 COMPLEMENT	COCOM		00400	C and blood	Dad Tan Van	Reference Lab	Can Danast	Radial	D 5.7 days	Seed and
COMPONENT	C2COM	COMPONENT	86160	5 mL blood	Red Top Vac	(Quest) Clinical	See Report	Immunodiffusion	R = 5-7 days	Sent out.
					Red Top with	Immunology,				
C3	C3	C3	86160	5 mL blood	Gel (Gold)	Core	C3 85-193 mg/dL	Nephelometry	R = M - F	
C3	- 63		80100	3 IIIL DIOOG	Ger (Gold)	Clinical	C3 83-193 Hig/dE	Nephelometry	IX = IVI - I	
					Red Top with	Immunology,				
C4	C4	C4 COMPLEMENT	86160	5 mL blood	Gel (Gold)	Core	C4 12-36 mg/dL	Nephelometry	R = M - F	
04	04	OT COMIT ELIMENT	00100	O THE BIOOD	Red Top with	Chemistry,	04 12 00 mg/d2	repricionicity	1 1	
CA 19.9	CA199	CA 19-9	86301	5 mL blood	Gel (Gold)	Core	0 - 35 U/mL	Chemiluminesence	R = M - F	
					Red Top with	Chemistry,				
CA 27.29	CA27	CA 27.29	86300	5 mL blood	Gel (Gold)	Core	< 38.0 U/mL	Chemiluminesence	R= M-Sat	
	·				Red Top with	Chemistry,				
CA-125	CA125	CA 125	86304	5 mL blood	Gel (Gold)	Core	< 30.2 U/mL	Chemiluminesence	R= M - F	
					(00.0)					
					Dark / Royal					
					Blue with EDTA					
					or Lavender Top	Reference Lab				
CADMIUM	CAD	CADMIUM	82300	5 mL blood	Vac	(Quest)	See Report	ICP-MS	R = Tu & F	Sent out.
			İ						1	* Obtain container from Sendout Area
CADMIUM	ĺ				Acid Washed	Reference Lab				of Lab. Sent
Random Urine	UCDR	U CADMIUM RANDOM	82300	10 mL urine	Urine Container*	(Quest)	See Report	ICP-MS	R = Tu & F	out.
				I0 mL blood						
				(8 hrs fasting is		Reference Lab				
CALCITONIN	CALCI	CALCITONIN LEVEL	82308	preferred)	Red Top Vac	(Quest)	See Report	RIA	R = 3-5 days	Sent out.
										Critical Values :
					Green Top Vac				R = Daily	Calcium > 11.5 mg/dL
CALCIUM	CA	CA	82310	4 mL blood	with Gel (Mint)	Chemistry	Adult: 8.5-10.5 mg/dL	Indirect ISE	S = 1 hr.	Calcium < 7.0 mg/dL
					Clean plastic					
CALCIUM					(100 mL) urine					
Random Urine	UCAR	U CALCIUM RANDOM	82340	Random spec	container	Chemistry		Indirect ISE	R = daily .	
					Clean plastic (2					
CALCIUM					L) urine					
12 Hr Urine	UCA12	U CALCIUM 12HR	82340	12 hr urine	container.	Chemistry	0-95 mg/ 12 hr	Indirect ISE	R = daily .	Refrigerate sample during collection.
					Clean plastic (2					
CALCIUM	110404	U CALCIUM 24HR	00040	04 ha	L) urine	Chi-t	0.400 /0.4 h	In dies at ICE	D delle	Define and a second during collection
24 Hr Urine	UCA24	U CALCIUM 24HR	82340	24 hr urine	container.	Chemistry	0-190 mg/24 hr	Indirect ISE	R = daily .	Refrigerate sample during collection.
					Labeled					
					heparinized					
					syringe. Please					
					remove needle					TMH Inpatients Orders should be
		CALCIUM IONIZED			and place cap					placed under Respiratory.
	ĺ	(RIH Only)			on syringe for TMH inpatients	Blood Gas		1		placed ander itespiratory.
	CAION (RIH)	(Mir Only)			i win inpatients	Lab @ TMH		1		TMH Outpatient should draw a green
	CAION (NIII)	CALCIUM IONIZED			Green Top Vac	Lab @ HVIIT				top tube (no gel barrier). At
	WBION	BLOOD GAS			(no gel)	Chemistry @		1		refrigerated temperature stable for 24
CALCIUM Ionized	(TMH Inpatients)	(TMH Inpatients)	82330		otherwise	RIH	4.2-5.2 mg/dL	Calcium ISE	R = Daily	hours.
CALCULUS	CALCU	CALCULUS	52000				0.2g, u.L	- 3.0.0OL	Daily	See STONE RENAL
			86651							
CALIFORNIA	ĺ		86652							Includes St. Louis, EEE, WEE and
ENCEPHALITIS VIRUS	ĺ	ARBOVIRUS IGM AB	86653		Red Top with	Reference Lab				CAE. Sent to
TITER	ARIM1	PANEL	86654	3 mL blood	Gel (Gold)	(Quest)	See Report	1		Focus via Quest
CANDIDA ALBICANS		CANDIDA ALBICANS				Reference Lab			İ	
SEROLOGY	CANAB	AB SO	86331	3.0 mL blood	Red Top Vac	(Quest)	See Report	1	R = 14 days	
						i '			1	Critical Value: > 15 ug/mL. First
	ĺ									Incidence only
i .			i	1	1	1	i	1	1	
										Carbamazepine Peak : 1 - 5 hours
							Therapeutic Range:			Trough : immediately before next dose
CARBAMAZEPINE	CARBA	TEGRETOL LEVEL	80156	5 mL blood	Green Top Vac		Therapeutic Range: 8-12 ug/mL single drug 4-8 ug/mL multiple drug	PETINIA	R = 4 hours S = 1 hr.	

	LIS ORDER								Turnaround		$\neg$
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS	
										Critical Values : CO2	
CARBON DIOXIDE	CO2	CO2	00074	4	Green Top Vac	Chi-t	00 00 mF=//	all Data Channa	R = 4 hours	> 40 mEq/L CO2	
( CO2 ) (Bicarbonate)	CO2	C02	82374	4 mL blood	with Gel (Mint)	Chemistry	22-32 mEq/L	pH Rate Change	S = 1 hr.	< 12 mEq/L	
					Labeled						
					heparinized						
					syringe. Please						
					remove needle					Critical Value: >9% (First	
					and place cap	DI I O				occurrence only) TMH Inpatients	
CARBON MONXIDE					on syringe @ TMH	Blood Gas Lab @ TMH				Orders should be placed under Respiratory.	
HEMOGLOBIN	CARBO (RIH)	Carboxyhemoglobin (RIH		3 mL blood	TIVIII	Lab @ Tivii i				TMH	
(CARBOXY-		Carboxyhemoglobin Only		Whole Blood	Green Top Vac	Chemistry @	Non-smokers 0-1.5%			Outpatients should draw a green top	
HEMOGLOBIN)	WBCAR (TMH)	(TMH)	82375	Required	(no gel) @ RIH	RIH	Smokers 0-9%	Spectrophotometric	S = 20 min	tube (no gel barrier).	
CARCINOGENIC											
EMBRYONIC ANTIGEN										See CEA (Carcinogenic Embryonic	
(CEA)										Antigen)  If hs-CRP is >10 mg/L, patient should	
					1		Low Risk <1 mg/L		1	be examined for sources of infection or	
CARDIO C-REACTIVE					Green Top Vac		Average Risk 1-3 mg/L		1	imflammation and hs-CRP tested at a	
PROTEIN	HSCRP	CARDIO CRP	86141	5 mL blood	with Gel (Mint)	Chemistry	High Risk >3 mg/L	Immunoassay	R = Daily	later date.	
					1					Toxic: >50 ug/mL A	
04000000450		OADIOOD	00/2/		Red Top Vac	T	<b>T</b>		L	meprobamate is performed and	
CARISOPRADOL See Comments	CRSPD	CARISOP and MEPROBAMATE	82491 83805	5 mL blood	Protect from Light.	Toxicology, RIH	Therapeutic range: 10-40 ug/mL	Gas Chromatography	R = Weekly S = 6 hrs.	charged on all requests for Carisopradol.	
CARNITINE Blood	CKOPD	CARNITINE FREE AND	84311	3 IIIL DIOOU	Ligitt.	Reference Lab	10-40 ug/IIIL	Gas Chromatography	S = 0 IIIS.	Ship Frozen Sent	
(Free, Total & Esters)	CARN	TOTAL	84311	5 mL blood	Red Top Vac	(Quest)	See Report	Spectrophotometry	R = 3-5 days	out.	
					Red Top Vac						
					Protect from	Toxicology,			R =M-Sat.	Protect from light.	
CAROTENE	CARO	CAROTENE	82380	5 mL blood	Light.	RIH	75-150 ug/dL	Spectrophotometry	S = 2 hrs.	Send STAT to lab.	
CAT SCRATCH FEVER		CAT SCRATCH								Antibodies (IgG & IgM) tested for both B. henselae (cat scratch fever) and B.	
ANTIBODIES		BARTONELLA				Reference Lab				quintana (trench fever)	
Bartonella	CATS	SPECIES	86611x4	5 mL blood	Red Top Vac	(Quest)	See Report	IFA	R = 3-5 days	Sent out.	
										Fractionated to: Norepinephrine,	
					Clean plastic (2		Normal levels of			Epinephrine, Dopamine.	
					L) urine container with		Epinepherine, Norepinehperine, and			Preservative should be added to container before sample is collected.	
			82384		25 mL 6N HCL		Dopamine are age	High Performance		Diet restrictions should be maintained	
CATECHOLAMINES			82384		(Ped): 3-5 mL	Toxicology,	dependent.	Liquid		for 48 hours prior to collecton. Call 444-	
(Urine)	UCAT	U CATECHOLAMINE	82384	24 hr urine	6N HCL	RIH	See Report	Chromatography	R = weekly	5858 for restrictions.	
					1						
					1				1	Fractionated To: Norepinephrine,	
					1		Norepinephrine = 0-600		1	Epinephrine, Dopamine. Diet restrictions should be maintained	
					1		pg/mL;			for 48 hours prior to collecton. Call 444-	
			82384		1		Epinephrine = 0-90	High Performance	1	5858 for restrictions.	
CATECHOLAMINES			82384	5 mL blood	<u> </u>	Toxicology,	pg/mL;	Liquid		Place immediately and transport STAT	
(Plasma)	CAT	CATECHOLAMINE	82384	ON ICE	Green Top Vac	RIH	Dopamine = 0-135 pg/mL.	Chromatography	R = weekly	on ice. Freeze plasma.	
			87070	Swab of Catheter	Copan Double			Bacterial Culture, including yeast and	R= 48 hours		
Catheter Site Culture	CXWND	CATHETER SITE CULT	87205	Site	Swab	Microbiology	No Growth	gram stain	S= N/A		
		1		-	Sterile					Intravascular catheter tips only. Patient	
					Leakproof			Bacterial Culture,	R= 48 hours	must hav blood cultures drawn or	
Catheter Tip Culture	CXTIP	CATHETER TIP CULT	87070	Catheter tip	Container	Microbiology	No Growth	including yeast	S= N/A	ordered.	
					1		WBC 3.5-11.0 K/ul				
					1		RBC F 3.7-5.0 m/ul RBC M 4.2-5.5 m/ul		1		
					1		HGB F 11.0-15.0 G/dL		1	Reflexive Rule : Depending on values	
					1		HGB M 13.5-16.0 G/dL			obtained, an automated or a manual	
CBC no Differential							HCT F 32.0-45%			differential will be perfomed. (CPT	
(COMPLETE BLOOD	000110	000 40 0/55 -:-	05005	3 mL blood Whole		l	HCT M 37.0-47%	Automated Particle	R = < 5  hrs.	85025 or 85007). Only one differential	
COUNT)	CBCND	CBC NO DIFF w PLT	85027	Blood Required	Vac	Hematology	PLT 150-400 K/ul	Counter	S = 45 min	per 24 hour period will be honored.	

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
CBC no Differential (continued)	CBCND	CBC NO DIFF w PLT		3 mL blood Whole Blood Required	Lavender Top Vac	Hematology	MCV 80-98 FL MCH 26 - 34 pg MCHC 31.5-35.5 g/dL	Automated Particle Counter	R = < 5 hrs. S = 1 hr.	Criticals: First Incidence of: Hgb < 7.0 g/dL HCT < 21% Platelet >1,000,000 or < 20,000 and then again if Hgb < 5.0 g/dL HCT < 15% Platelet <10,000. WBC Newborns to 48 hrs: >35,000 All other ages: >50,000 Absolute poly count < 500 (First incidence only) Presence of Blasts or Parasites on Smear are also critical.
CBC (COMPLETE BLOOD COUNT) (Includes automated WBC differential)	CBCWD	CBC w DIFF and PLT	85025	3 mL blood Whole Blood Required	Lavender Top Vac	Hematology	WBC 3.5-11.0 K/ul RBC F 3.7-5.0 m/ul RBC M 4.2-5.5 m/ul HGB F 11.0-15.0 G/dL HGB M 13.5-16.0 G/dL HCT F 32.0-45% HCT M 37.0-47% PLT 150-400 K/ul	Automated Particle Counter	R = < 5 hrs. S = 1 hr.	Reflexive Rule: Depending on values obtained, a manual differential will be performed. (CPT 85007). Only one differential per 24 hour period will be honored.
CBC (continued)	CBCWD	CBC w DIFF and PLT	85025	3 mL blood Whole Blood Required	Lavender Top Vac	Hematology	MCV 80-98 FL MCH 26 - 34 pg MCHC 31.5-35.5 g/dL NEUT# 1.5-7.5 K/ul Lymph # 1.0-4.0 K/ul Mo # 0.2-0.8 K/ul Eosin # 0.0-0.5 K/ul Baso # 0.0-0.2 K/ul	Automated Particle Counter	R = < 5 hrs. S = 1 hr.	Criticals: First Incidence of: Hgb <7.0 g/dL HCT <21% Platelet >1,000,000 or <20,000 and then again if Hgb <5.0 g/dL HCT <15% Platelet <10,000. WBC Newborns to 48 hrs: >35,000 All other ages: >50,000 Absolute poly count < 500 (First incidence only) Presence of Blasts or Parasites on Smear are also critical.
CBG (Cortisol Binding		CORTISOL BINDING			Lavender Top	Reference Lab				
Globulin)	CBGU	GLOBULIN	84449	5 mL blood 3 mL Blood	Vac.	(Quest)	See Report	RIA	R = 3-5 days	Sent out.
CD 55	Not orderable	Not orderable	88180	Whole Blood Required 3 mL Blood Whole Blood	Lavender Top Vac.	Special Hematology, RIH Special Hematology,	See Report	Flow Cytometry		
CD 58	Not orderable	Not orderable	88180	Required	Vac.	RIH	See Report	Flow Cytometry		
				3 mL Blood		Special				
CD 59	Not orderable	Not orderable	88180	Whole Blood Required	Lavender Top Vac.	Hematology, RIH	See Report	Flow Cytometry	R =	See PNH Screen
CEA (Carcinogenic Embryonic Antigen) CELL BLOCK	CEA	CEA	82378	5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	0-5 ng/mL	Chemiluminesence	R = M - Sat.	Normals include smokers. Upon receipt in laboratory, the sample must be spun and the serum refrigerated. See Histopathology Section.
CENTROMERE B					Red Top with	Reference Lab				
Antibody	CENTR	Centromere B Antibody	86038	3 mL Blood	Gel (Gold)	(Quest)	See Report	Enzyme Imunoassay		
CERULOPLASMIN	CER	CERULOPLASMIN	82390	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	20-51 mg/dL	Nephelometry	R = M - F	
Cervical Chlamydia Probe	CERCT	CERVICAL CHLAMYDIA PROBE	87591	Cervical Swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers)

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
					Gen - Probe Collection Kit available from Stores					
		CERVICAL			Specimen must be placed in tube prior to delivery to	Molecular Microbiology		Transcription Mediated Amplification		Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen- Probe collection kit for analysis.
Cervical Gonorrhea Probe	CERGC	GONORRHEA PROBE	87591	Cervical Swab	laboratory.	Coro	Negative	(TMA)	R = M-F	(Silver foil topped containers)
Cervical Trichomonas vaginalis Probe	CERTV	CERVICAL TRICH VAGINALIS PROBE	87798	Cervical Swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers)
CERVICAL SMEAR	-					Cytology				See Cytology Section.
CHAGAS AB	CHAGA	CHAGAS ANTIBODY	86256-90x2		Red Top with Gel (Gold) or CSF					
CH-50 COMPLEMENT	CH50	CH50 COMP	86162	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Hemolytic (funtional assay)	D 2 E dovo	Cont out
CH-50 COMPLEMENT	CHOU	CH50 COMP	80102	5 ML blood	Red Top Vac	(Quest)	See кероп	assay)	R = 3-5 days	Sent out. Group contains Glucose, BUN,
CHEM 7	GBCL1	Glu BUN Cr Electrolytes		5 mL Blood	Green Top Vac with Gel (Mint)	Chemistry	See Individual components	See Individual Components	R = 4 hrs S = 1 hr.	Creatinine, Sodium, Potassium, Chloride, CO2, and Anion Gap.
CHLAMYDIA Culture										Assay is no longer performed. See CHLAMYDIA TRACHOMATIS DNA PROBE
CHLAMYDIA TRACHOMATIS Antibodies			86632 86631		Red Top with	Reference Lab		Micro Immunoflorescence		
IGM, IGG, IGA	CHLAB	CHLORAMPHENICOL	86631	3 mL blood	Gel (Gold)	(Quest) Reference Lab	See Report	Assay High Performance Liquid		Sent Out
CHLORAMPHENICOL	CHAMP	LEVEL	82415	5 mL blood	Red Top Vac Clean plastic (2	(Quest)	See Report	Chromatography	R = 2-3 days	Toxic: >25 ug/mL
CHLORIDE 12 hr Urine	UCL12	U CHLORIDE 12HR	82436	12 hr urine	L) urine container	Chemistry	Dependent on physiological fluctuations	Indiect ISE	R = daily	Refrigerate sample during collection.
CHLORIDE 24 hr Urine	UCL24	U CHLORIDE 24HR	82436	24 hr urine	Clean plastic (2 L) urine container	Chemistry	Dependent on physiological fluctuations	Indiect ISE	R = daily	Refrigerate sample during collection.
CHLORIDE ( Cl )	CL	CHLORIDE	82435	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Adult: 98-110 mEq/L	Indiect ISE	R = 4 hrs S = 1 hr.	Critical Values : Chloride > 120 mEq/L < 85 mEq/L
CHLORIDE Random	UCLR	U CHLORIDE RANDOM	82436	Pandam spacimen	Clean plastic (100 mL) urine container	Chemistry	Dependent on physiological fluctuations	Indiect ISE	R = daily	
Urine	UULK	U UNLURIDE KANDUM	02430	Random specimen	Sterile plastic	Chemistry,	priysiological fluctuations	INDIECT ISE	R = dally R = Daily	
CHLORIDE, CSF	CFCL	CSF CHLORIDE	82438	Spinal fluid	CSF Tube Bone Marrow or	RIH Special	121-130 mEq/L	Indiect ISE	S = 1 hr	
CHLOROACETATE ESTERASE STAIN			88319	Bone Marrow or EDTA Blood	Lavender Top Vac	Hematology, RIH		Cytochemical	R = 24 hrs.	
CHLOROMYCETIN (chloramphenicol)	CHAMP	CHLORAMPHENICOL LEVEL	82415	5 mL blood	Red Top Vac	Refernce Lab, (AML)	See Report	High Performance Liquid Chromatography	R = 3-4 days	Sent out.
CHLORPHENIRAMINE	СРА	CHLORPHENIRAMINE LEVEL	82491	5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: 10-40 ng/mL	Gas Chromatography	R = Weekly S = 6 hrs.	Toxic: > 90 ng/mL
CHLORPROMAZINE (THORAZINE)	CPROM	CHLORPROMAZINE LEVEL	84022	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: 10-500 ng/mL.	High Performance Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic: >1000 ng/mL

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
CHOLESTEROL FRACTIONATION:							LDL: Desirable <130 mg/dL; Borderline 130-159 mg/dL; High >159 mg/dL; HDL: Low 0-40 mg/dL; Desirable >40 mg/dL Triglyceride: Desirable <150 mg/dL;	Triglyceride = GPO HDL= Polyanion detergent followed by Cholesterol Oxidase		
CHOLESTEROL (Total) cLDL, HDL, Triglycerides	LIPID	CHOLESTEROL FRAC CHOL TRIG HDL LDL	80061	3.5 mL blood	Green Top Vac with Gel (Mint)	Chemistry, Core	Borderline 150-199 mg/dL; High >199 mg/dL	Cholesterol= Cholesterol Oxidase	R = Daily	For triglyceride testing, patient must have fasted 12-14 hours.
CHOLESTEROL TOTAL CHOLINESTERASE with	CHOL	CHOLESTEROL LEVEL CHOLINESTERASE	82465 82480	4 mL blood	Green Top Vac	Chemistry, Core Reference Lab	Cholesterol: Desirable:110-199 mg/dL Borderline:200-239 mg/dL High:> 239 mg/dL	Cholesterol Oxidase Kinetic	R = Daily	
Dibucaine	CHOLI	with DIBUCAINE	82638	5 mL blood	Red Top Vac	(Quest)	See Report	Spectrophotometric	R = 3-4 days	Sent out.
CHOLYGLYCINE (Bile Acid) CHORIONIC GONADOTROPIN	CHOLG	CHOLYGLYCINE TOTAL BILE ACID	82240	5 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report	RIA	R = 3-5 days	Sent out. 8 hour fast recommended. Unspun or no additive tubes are unacceptable.  See Human Chorionic Gonadotropin (THCG) Quantitative
CHROMATIN NUCLEOSOMAL ANTIBODY	CHRO	CHROMATIN NUCLEOSOMAL AB	86235	3 mL Blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report	Immunoassay	R = 3-5 days	Sent out.
CHROMIUM	CHRMI	CHROMIUM PLASMA	82495	5 mL blood	Trace Metal Vac with EDTA	Reference Lab (Quest)	See Report	Atomic Absorption Spectrophotometry	R = 7-10 days	*Call Customer Service for Specimen Collection requirements.
CHROMIUM, WHOLE BLOOD	CHRWB	CHROMIUM WHOLE BLOOD	82495	5 mL blood	Trace Metal Vac with EDTA	Reference Lab (Quest)	See Report	ICP/MS	R = 5 - 7 days	*Call Customer Service for Specimen Collection requirements.
CHROMOSOME STUDY Bone Marrow		Send on Quest Cytogenetics Requisition	88264 88237	1-2 mL Bone Marrow	Sodium heparin vacutainer	Reference Lab (Quest)	Male - 46, XY Female - 46, XX Sodium Heparin used - 0.5 mL (1,000 U/mL)	TC, Chromobreakage	R = 14-21 days	Please indicate diagnosis for prpoer test ordering. Quest code 14600 or 14601
CHROMOSOME STUDY Blood		Send on Quest Cytogenetics Requisition	88237 88280 88264	5-10 mL blood Ped = 3 mL blood Whole Blood Required Room Temp	Vacutainer with sodium heparin	Reference Lab (Quest)	Male - 46 XY Female - 46 XX Sodium Heparin used - 0.2 mL (1,000 U/mL)	TC, Chromobreakage	R = 14-21 days	Please indicate diagnosis for prpoer test ordering. Sample may only be collected Monday-Thursday and must be at Room Temperature.  Quest code 14600 or 14601
CHROMOSOME STUDY Fluorescent In Situ Hybridization (FISH)		Send on Quest Cytogenetics Requisition	88230 88262	5-10 mL blood Ped = 3 mL blood Whole Blood Required Room Temp	Sodium heparin vacutainer Sterile container	Reference Lab (Quest)	Male: 46, XY Female: 46, XX Disomy for autosomal probes.	TC, Chromobreakage	R = 14-21 days	Sample may only be collected Monday-Thursday and must be at Room Temperature. Quest code 14600 or 14601 Tissue must be sterile. Refrigerate
CHROMOSOME STUDY Tissue/Tumor			88233 88262	3 mm³ minimum	with Hank's sol'n	Reference Lab (Quest)	Male: 46,XY Female: 46,XX	TC, Chromobreakage	R = 30 days	specimen Code # 14593
CHROMOSOME STUDY Amniotic Fluid			88235 88269 88280	20 mL minimum	Sterile container	Reference Lab (Quest)	Male: 46,XY Female: 46,XX	TC, Chromobreakage	R = 7-14 days	Code # 14590
CITRIC ACID (Urine)	UCIT	U CITRATE 24 HR	82507	24 hour Urine	Clean plastic (2 L) urine container with 25 mL of 6N HCL	Toxicology, RIH	280-1240 mg/24hour	Enzymatic/Spectrophot ometric	S = 4 hrs.	Refrigerate specimen during collection. Preservative should be added prior to collecting sample.
CITRIC ACID (SERUM)	CIT	CITRATE SERUM	82507	5 mL blood	Red Top Vac	Toxicology, RIH	1.7-3.0 mg/dL	Enzymatic/ Spectrophotometry	R = Weekly S = 4 hrs.	
CK (Creatine kinase) serum	СРК	СРК	82550	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Adult male: 20-210 IU/L Adult female: 20-165 IU/L	Oxidation of Leuco Dye @ 37°C	R = 4 hours S = 1 hr.	Value elevated by physical activity.
CLOMIPRAMINE	CLOM	CLOMIPRAMINE AND NORCLOM	82491	5 mL blood	Red Top Vac	Toxicology, RIH	Clomipramine 70-200 ng/mL Norclomipramine 150-300 ng/mL	1	R = Tu & F S = 8 hrs.	Toxic: >500 ng/mL each

COMMON_PANALES   COMM	TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
COMMON   C	I LOI MAINE	NAME	SWIS ORDER MANIE	CF I Code	SECIMEN	CONTAINER	LAB	KEFEKENCE KANGE		rine	COMMENTS
COMMANDER   COMM							Toxicology.	Therapeutic Range:		R = Weekly	Toxic: >100 ng/mL 2
COMPANDED   CLOWN	CLONAZEPAM	CLON	CLONAZEPAM LEVEL	80154	5 mL blood	Red Top Vac				S = 8 hrs.	
COMMON   C									High Performance		
Section   Companies   Compan											
Deptid   D	CLONOPIN (Clonazepam)	CLON	CLONAZEPAM LEVEL	80154	5 mL blood	Red Top Vac	RIH	20-60 ng/mL	Chromatography	S = 8 hrs.	
Section   Sect											
Electron   Place   CLOPP   CLOPPO CREE   C								Normal >195 PRI I (~20%			
1.00 Fig. 6.1   1.00 Fig. 7.1   1.00 Fig. 7.											
PATE   CALLET   PATE	CLOPIDOGREL EFFECT					1 Blue Top & 1					hours. Do not place
COCAMINE   CLOX   CLOXAMINE CLOXAMIN   STYTO   Sex. Blood   Sex Boy New   Sex Brook   Se	DETECTION (Plavix,										
Court   Close   Clos		CLEFF	EFFECT DETECTION	85576	6 mL Blood	Vac		,	Platelet Aggregation		Available daily 7 AM to 10 PM
CAMP   CAMPADE   CAMPAD		CL 0.7	CLOZADINE CLOZADII	92790	E ml Blood	Dod Top Voc					
Commerce   Commerce	(Clozafii)	CLOZ	CLOZAPINE CLOZARIL	03/09	5 IIIL BIOOG	Red Top Vac	КІП	100 - 700 Hg/HL		3 = 61115.	
Commerce   Commerce											Group contains Glucose, BUN.
COMPRETENSIVE   COMPRETENSIV											
COMPRETENSIVE   COMPT   COMP											
METABOLIC PARKET   MATABOLIC P			COMPDELIENCE.			C T 1/-			Con Individue	0.45	
DRAW   DRAW		CMP1			5 ml Blood		Chemietry	See Individual components			
Cymengalovins Tot Ab   Cymengalovins Tot Ab   Cymengalovins Sq. 200   Cymeng		CIVIF I	IVILTABOLIC	<del>                                     </del>	5 IIIL DIOUG	with Ger (Willit)	Chemistry	OGG Marviadar Components	Components	11 = 41115	
Digray   D			ORGAN DONOR			Red Top with	Reference Lab		Passive Latex		
Real Top with   Immunology   Equipment   Graph   Equipment   Graph   Factor   Core   Profit   Factor   Profit   Factor   Profit   Factor   Profit   Factor   Profit   Factor   Profit   Factor   P	Organ Donor Only	DCMV		86644	3.0 mL blood			See Report		R = 2-3 days	
Commonweight   Comm											
DM   CMM   CMM   Cytomegatovirus lgM   EM   S6645   3.0 m. blood   Red Top with   Immunology,   Core   Positive g 1.10   S10   Red Top with   Cytomegatovirus lgM   EM   Core   Positive g 1.10   S10   Red Top with   Red Top with   Core   Positive g 1.10   S10   Red Top with   Core   Positive g 1.10   S10   Red Top with   Red Top w	CMV IGG										
Commonstration   Comm	Cytomegalovirus IgG	CMG	Cytomegalovirus IgG EIA	86644	3.0 mL blood	Gel (Gold)			EIA	week	
Cytomogalovirus lgM	CMVIGM					Pod Top with				P = 0000 0	
Second   S		CMM	Cytomegalovirus IgM FIA	86645	3.0 ml_blood				FIA		
Department   Dep	- yaamagama maa agam					(22.2)					Test performed M - F See
Acid Washed   Acid Washed	CMV PCR					Lavender Top					
Althor Urine   COB24   S3018   24 hr urine   plastic (2 L)	Cytomegalovirus by PCR	CMVPC	CMV PCR	87496	Blood Required		Biology, RIH	Negative	PCR	R = 2-4 days	PCR, if applicable.
24 hour Unine   COB24   83018   24 hr urine   Urine container   Quest)   See Report   ICP-MS   R = 2-4 days	CODALT						Defense as Lab				
COAGULATION - COAGULATION - FACTOR XIII		COB24		83018	24 hr urine			See Report	ICP-MS	R = 2-4 days	
COAGULATION - COAGULATION - FACTOR XIII FACTOR XIII SCREEN FXIII FXIII FXIII FXIII FACTOR XIII SCREEN FXIII F	2111001 011110	00521		00010	21111 011110	dillo comano.	(44001)	COO TROPORT	io. iiio	r = 2 · dayo	
COAGULATION - COAGULATION - FACTOR XIII FACTOR XIII SCREEN FXIII FXIII FXIII FXIII FACTOR XIII SCREEN FXIII F											
COAGULATION - FACTOR XIII SCREEN  FXIII  FACTOR XIII  FACTOR XI											
COAGULATION - FACTOR XIII  FACT											
COAGULATION - FACTOR XIII FACTOR XIII SCREEN  FXIII FACTOR XIII 85291 4.5 mL blood  Red Top with Gel (Gold)  COCIDIOES IMMITIS  COCAB  COCIDIOES IMMITIS  COCAB  CO											
COAGULATION - FACTOR XIII SCREEN FXIII FACTOR XIII 85291 4.5 mL blood Blue Top Vac RiH Normal: Present Clottable S = 24 hrs.  COCCIDIODES IMMITIS COCCIDIODES IMMITIS SEROLOGY  COCCIDIODES IMMITIS COCAB AB AB Service Servic											
COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS AB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS AB  COCCIDIODES AB  COCCIDIODES AB  COCCIDI	COAGULATION -						Coagulation,			R = 1 week	
COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  Red Top with Gel (Gold)  Red From with Gel (Gold)  Reference Lab (Quest)  COLD  HEMAGGLUTININS COLD  TITER  86157  S mL blood  Red Top Vaic (Quest)  Cocomplement Level (C3)  C3  C3  C3  C3  C3  C3  C3  C3  C3	FACTOR XIII SCREEN	FXIII	FACTOR XIII	85291	4.5 mL blood	Blue Top Vac	RIH	Normal: Present	Clottable	S = 24 hrs.	Coagulation lab at 444-5560 to book.
COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  COCCIDIODES IMMITIS COCAB  Red Top with Gel (Gold)  Red From with Gel (Gold)  Reference Lab (Quest)  COLD  HEMAGGLUTININS COLD  TITER  86157  S mL blood  Red Top Vaic (Quest)  Cocomplement Level (C3)  C3  C3  C3  C3  C3  C3  C3  C3  C3											
COCCIDIOIDES IMMITIS SEROLOGY  COCCIDIODES IMMITIS SEROLOGY  Red Top with Gel (Gold)  Red Top with Gel (Gold)  Red Top with Gel (Gold)  Reference Lab (Quest)  COLD HEMAGGLUTININ  COLD  TITER  86157  S mL blood  Red Top with Gel (Gold)  Red Top with Gel (Gold)  Red Top with Gel (Gold)  Reference Lab (Quest)  Reference Lab (Quest)  Agglutination  R = M-Sat  Not Refrigerate  See Cytology Section.  Complement Level  Comp											
COCCIDIOIDES IMMITIS SEROLOGY  COCAB  COCAB  COCCIDIODES IMMITIS AB 6331 each  COCAB											
SEROLOGY  COCAB  AB  each 3.0 mL blood Gel (Gold) Quest) Negative Immunodiffusion R = 14 days or recent post infection (up to 1 year)  Keep sample warm when transporting to lab. Once in lab, place tube of blood in 37 C water bath for 30 minutes. Centrifuge and immediately separate serum. Leave at Room Temp. Do  COLD HEMAGGLUTININ COLD TITER  86157 5 mL blood Red Top Vac Quest) CompLEMENT LEVEL (G3) C3 C3 Ref Top with Red Top with	COCCIDIOIDES IMMITIS		COCCIDIODES IMMITIS	86331		Red Top with	Reference Lab				
COLD HEMAGGLUTININ COLD TITER  86157  S mL blood  Red Top Vac  Cotology  COMPLEMENT LEVEL  Red Top with Immunology,  Red Top with Immunology,  Red Top with Immunology,  Core  C3: 85-193 mg/dL  Nephelometry  R = M - F  COMPLEMENT LEVEL  COMPLEMENT	SEROLOGY	COCAB			3.0 mL blood			Negative	Immunodiffusion	R = 14 days	
COLD HEMAGGLUTININ COLD TITER 86157 5 mL blood Red Top Vac (Quest) <1:32 Agglutination R = M-Sat Not Refrigerate Serum. Leave at Room Temp. Do Not Refrigerate  COMPLEMENT LEVEL (C3) C3 C3 86160 5 mL blood Gel (Gold) Core C3:85-193 mg/dL Nephelometry R = M - F  COMPLEMENT LEVEL (Red Top with Immunology, C0 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1 C1											
COLD HEMAGGLUTININ COLD TITER 86157 5 mL blood Red Top Vac (Quest) <1:32 Agglutination R = M-Sat Not Refrigerate Serum. Leave at Room Temp. Do Not Refrigerate Serum. Leave at Room Temp. Do Not Refrigerate Serum. Leave at Room Temp. Do Not Refrigerate See Cytology Section.  COMPLEMENT LEVEL (C3) C3 C3 86160 5 mL blood Gel (Gold) Core C3:85-193 mg/dL Nephelometry R = M - F  COMPLEMENT LEVEL (C3) C3 Red Top with Immunology, Red Top with Immunolo											
COLD HEMAGGLUTININ COLD TITER 86157 5 mL blood Red Top Vac (Quest) <1:32 Agglutination R = M-Sat Not Refrigerate serum. Leave at Room Temp. Do Not Refrigerate  COLONIC CYTOLOGY See Cytology Section.  COMPLEMENT LEVEL (C3) C3 86160 5 mL blood Gel (Gold) Core C3:85-193 mg/dL Nephelometry R = M - F  COMPLEMENT LEVEL (Red Top with Immunology, Red T											
COLD HEMAGGLUTININS COLD TITER  86157 5 mL blood Red Top Vac (Quest) <1:32 Agglutination R = M-Sat Not Refrigerate  COLONIC CYTOLOGY  COMPLEMENT LEVEL (C3) C3 C3 86160 5 mL blood Gel (Gold)  COMPLEMENT LEVEL  COMPLEMENT LEVEL  Red Top with Gel (Gold)  Core C3: 85-193 mg/dL Nephelometry R = M - F  COMPLEMENT LEVEL  COMPLEMENT LEVEL  COMPLEMENT LEVEL  COMPLEMENT LEVEL  Red Top with Immunology, Care C3: 85-193 mg/dL Nephelometry R = M - F  COMPLEMENT LEVEL  COM			COLD						1		
COLD HEMAGGLUTININ         COLD         TITER         86157         5 mL blood         Red Top Vac         Quest)         <1:32         Agglutination         R = M-Sat         Not Refrigerate           COLONIC CYTOLOGY         Complement Level         Clinical         Red Top with         Immunology,         Red Top with         Immunology,         Red Top with							Reference Lab		1		
COMPLEMENT LEVEL   C3	COLD HEMAGGLUTININ	COLD		86157	5 mL blood	Red Top Vac	(Quest)	<1:32	Agglutination	R = M-Sat	
COMPLEMENT LEVEL         C3         C3         86160         5 mL blood         Gel (Gold)         Lore Core C3 : 85-193 mg/dL         Nephelometry         R = M - F           COMPLEMENT LEVEL         Red Top with Immunology, Carried Immunology, Im	COLONIC CYTOLOGY										See Cytology Section.
(C3) C3 C3 86160 5 mL blood Gel (Gold) Core C3 : 85-193 mg/dL Nephelometry R = M - F  CInical Red Top with Immunology,	COMPLEMENT LEVE					D. I.T.					
COMPLEMENT LEVEL Red Top with Immunology,		ന	Co	86160	5 ml blood			C3 · 85-103 ma/dl	Nenhelometry	P = M . F	
COMPLEMENT LEVEL Red Top with Immunology,	( 55 )	C3	US US	00100	5 THE DIOUG	oai (Goid)		oo . oo-190 mg/uL	reprieionietry	IX = IVI - F	
	COMPLEMENT LEVEL					Red Top with					
	(C4)	C4	C4 COMPLEMENT	86160	5 mL blood			C4: 12-36 mg/dL	Nephelometry	R = M - F	

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
COMPLEMENT LEVEL					Red Top with	Reference Lab		Radial		
( C5 )	C5	C5 COMPLEMENT	86160	5 mL blood	Gel (Gold)	(Quest)	See Report	Immunodiffusion	R = 3-5 days	
				5 mL blood						
COMPOUND S				(Early AM specimen is		Reference Lab		Extraction,		
(11-Deoxycortisol)	11DEO	11 DEOXYCORTISOL	82634	preferred)	Red Top Vac	(Quest)	See Report	Chromatography, RIA	R = 3-5 days	Sent out.
, ,				,	·	,	'	0 1 2		
										Group contains Glucose, BUN,
										Creatinine, Sodium, Potassium,
COMPREHENSIVE										Chloride, CO2, Calcium, Albumin, Total Bilirubin, Alkaline Phosphatase, Total
METABOLIC PANEL		COMPREHENSIVE			Green Top Vac			See Individual	S = 1 hr.	Protein, ALT and AST.
CMP	CMP1	METABOLIC		5 mL Blood	with Gel (Mint)	Chemistry	See Individual components		R = 4 hrs	CPT Code for group is 80053
COOMBS, DIRECT										See DIRECT COOMBS
COOMBS, INDIRECT										See INDIRECT COOMS
					Dark / Royal	Tavianlanı		At	R = Th.	Send as Whole Blood. Zinc
COPPER Serum	CU	COPPER	82525	5 mL blood	Blue Vac with Heparin	Toxicology, RIH	85-185 ug/dL	Atomic Absorption Spectrophotometry	S = 4  hrs.	and Selenium determination may be performed on same sample.
OOTT EIX OCIUIT	- 00	OOTTER	02323	5 IIIE BIOOG	Перапп	IXIII	00-100 ug/uL	Ореспорногоннепу	0 - 41113.	performed on same sample.
1	1				Clean plastic	1				
	1				(2L) urine	1				Refrigerate sample during collection.
	l <u>.</u>			l	container with	Toxicology,		Atomic Absorption	R = Th.	Preservative should be added prior to
COPPER Urine 24HR	UCU	U COPPER 24 HR	82525	24 hr urine	25 mL 6N HCL	RIH	Adult 15-60 ug/24 hr	Spectrophotometry	S = 4 hrs.	collecting sample.
COPPER Urine Random	UCUR	U COPPER RANDOM	82525	Random urine	Clean plastic urine container	Toxicology, RIH		Atomic Absorption Spectrophotometry	R = Th. S = 4 hrs.	No preservative needed
COFFER Office Random	OCOK	U COFFER RAINDOW	02323	Kandom unine	unine container	KIII		Spectropriotometry	R = Fri.	INO preservative needed
			80103		Plastic	Toxicology,		Atomic Absorption	(Biweekly)	Usually done on liver biopsies. Samples
COPPER Tissue	TCU	T COPPER	82190	Biopsy	Container	RIH	10 - 35 ug/g dry weight	Spectrophotometry	S = 8 hrs.	without preservatives or fixatives.
							Coproporhyrin:			Refrigerate specimen during collection.
COPROPORPHYRIN					Clean plastic (2 L) urine	Tovicology	0-95 mcg/24 hr		R = M-F	Sample MUST NOT be acidified.  Sample must be transported STAT
Urine	UPOR	U PORPHYRIN 24HR	84120	24 hr urine	container	Toxicology, RIH	Uroporphyrin: 0-20 mcg/24 hr	Spectrophometry	S = 8 hrs.	to Toxi Lab M-F 8:30 A.M to 3:00 P.M
CORTICOSTEROID	OI OIL	OT ORGITITATE THE	04120	24 III dillio	Container	T.C.I.	0 20 mog/24 m	Оресторногисту	0 = 0 1110.	TO TOXI EUD III T 0.00 ALIII tO 0.00 T.III
BINDING GLOBULIN										
(CBG, Transcortin)										See CBG (Cortisol Binding Globulin)
CORTICOSTEROID	1147011									04711
(17-Hydroxy)	U17OH					1		Extraction,	Run on Wed	See 17-Hydroxycorticosteroids
						Reference Lab		Chromatography,	Reported on	
CORTICOSTERONE	COTIC	CORTICOSTERONE	82528	5 mL blood	Red Top Vac	(Quest)	See Report	RIA	Thursday	Sent out.
							·		Run on	
CORTICOTROPIN		CORTICOTROPIN			Sodium				Tuesday	
RELEASING HORMONE	00051	RELEASING	00540	3 mL blood Na	heparin	Reference Lab	O D	E. decention DIA	Report on	Sent out. Transport to Quest as frozen
(CRH)	COREL	HORMONE	83519	Heparin Tube	vacutainer	(Quest)	See Report	Extraction, RIA	Friday	plasma. Critical Values: Cortisol
										AM & PM < 2.0 ug/dL Typical Draw
	CORTA (am)	CORTISOL AM								times : 7 to 9 AM for
	CORTP (pm)	CORTISOL PM			Red Top with	Chemistry,	AM = 5.5-20.0 ug/dL			Cort A 3 to 5 PM for
CORTISOL Serum	CORTR (rand)	CORTISOL RANDOM	82533	5 mL blood	Gel (Gold)	Core	PM = 3.0-16.0 ug/dL	Chemiluminesence	R = M - Sat.	Cort P
CORTISOL, FREE (Serum)	FCORT	FREE CORTISOL	82530	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report.	EQ. Dialysis ICMA	R = 3-5 days	Sent out.
(Seruill)	FCORT	I REE CORTISOL	02000	5 IIIL DIOOU	neu Tup Vac	(Quest)	ове пероп.	LQ. Dialysis ICIVIA	ix = 5-5 uays	Gent out.
						Reference Lab				*Obtain container from Sendout Dept.
CORTISOL, Salivary	CORTS	CORTISOL SALIVA	82533	Saliva	Salivette Tube*	(Quest)	See Report		R = 7-10 days	
CORTISOL, URINARY					Clean plastic (2					
FREE (includes	HOODS	U CORTISOL FREE	00505	OA ba coda :	L) urine	Reference Lab	Can Danast	LIDIC	D 740 L	Refrigerate specimen during collection.
Creatinine)	UCOR2	24hr	82565	24 hr urine	container	(Quest)	See Report	HPLC	K = 7-10 days	Record total volume. Sent out.
										*Call x444-2771 for assistance.
	1					1				PROTOCOL: Draw baseline cortisol "0"
							30 min: 7-32 increments			min. Mark time. Immediately after
							above baseline.			drawing baseline give cortrosyn IV.
000700004:	1				D. 1.T	Ol and t	60 min: 17-48 increments		D M 2 :	Thirty mins. after giving cortrosyn, draw
CORTROSYN (STIMI II ATION)	COSVN	CORTISOL O 20 Min v2	92522Y2	5 ml blood	Red Top with	Chemistry,	above baseline	Chomiluminosonos	R = M-Sat	second cortisol (30 min) mark
(STIMULATION)	COSYN	CORTISOL Q 30 Min x3	ಠ∠ <b>೦</b> ೨೨೩೩೨	5 mL blood	Gel (Gold)	Core	4 hr: returns to baseline	Chemiluminesence	S=2 hrs	time.(cont'd)

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
	NAME	SMS ORDER NAME:	CP1 Code	SPECIMEN	CONTAINER	LAB	EREFERENCE RANGE	METHOD	time	Sixty minutes after giving cortrosyn, draw third cortisol (60 min) mark time. All three specimens can be sent together on downtime slip at end of
CORTROSYN (cont'd) COXSACKIE VIRUS						Reference Lab				test.
(Group A)	COXA	COXSACKIE A TITERS	86658 X4	5 mL blood	Red Top Vac	(Quest)	See Report	Complement Fixation	R = 3-5 days	Sent out.
COXSACKIE VIRUS	COAA	COXSACRIL A TITERS	00030 A4	3 IIIL blood	Red Top Vac	Reference Lab	See Report	Complement Fixation	K = 3-3 days	Sent out.
(Group B)	COXB	COXSACKIE B TITERS	86658 X6	5 mL blood	Red Top Vac	(Quest)	See Report	Complement Fixation	R = 3-5 days	Sent out.
(0.004 = )				5 mL blood		Reference Lab				
C-PEPTIDE, Serum	CPEP	CPEPTIDE	84681	(8 hrs fasting)	Red Top Vac	(Quest)	See Report	RIA	R = 3-5 days	Sent out.
C-PEPTIDE, URINE	UCPE	U CPEPTIDE 24hr	84681	24 hr urine	Clean plastic (2 L) urine container. No Preservative Green Top Vac	Reference Lab (Quest)	See Report	RIA	R = 3-5 days	Sent out.
C-REACTIVE PROTEIN	CRP1	C REACT PROTEIN	86140	5 mL blood	with Gel (Mint)	Chemistry	< 10 mg/L	Immunoassay	R = Daily	
CREATININE	CR	CREAT LEVEL	82565	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry	M 0.64 - 1.27 mg/dL F 0.44 - 1.03 mg/dL	Jaffe Rate Method	R = 4 hrs. S = 1 hr.	Call Value : Creatinine > 5.0 mg/dL (first time only) New ranges effective 3/31/09
CREATININE Clearance MUST BE TIMED SAMPLE	Adult: CRCLA Child: CRCLC	U CREATININE CLEARANCE ADULT 24nr U CREATININE CLEARANCE CHILD 24hr	82565 82570	Collect a 24 hr urine for creatinine Draw blood for Creatinine determination at start of urine collection. 4 mL of blood (Ped) 0.5 mL blood	Clean plastic (2 L) urine container and Mint Top Vac	Chemistry	Normal Values: M - 85-125 mL/min F - 75-115 mL/min	Jaffe Rate Method	R = daily	Both a plasma and a urine creatinine will be charged. Order a serum creatinine at the start of the urine collection. Refrigerate urine during collection.
CREATININE Urine 12 hr	UCR12	U CREATININE 12HR	82570	12 hr urine	Clean plastic (2 L) urine container	Chemistry	Depends on sex and weight.	Jaffe Rate Method	R = daily	Refrigerate during collection.
CREATININE Urine 24 hr	UCR24	U CREATININE 24HR	82570	24 hr urine	Clean plastic (2 L) urine container Clean plastic	Chemistry	Depends on sex and weight.	Jaffe Rate Method	R = daily	Refrigerate during collection. Test is performed routinely on all 24 hr urine specimens in Chemistry to ensure acceptability of specimen, but not billed, unless specifically ordered.
CREATININE Random		U CREATININE			(100 mL) urine					
Urine	UCRER	RANDOM	82570	Random spec	container	Chemistry		Jaffe Rate Method	R = daily	
CRH		CORTICOTROPIN		1	Sodium	1			T	
(Corticotropin Releasing		RELEASING		3 mL blood Na	heparin	Reference Lab				Sent out. Transport to Quest as
Hormone)  CROSSMATCH	COREL *RC	HORMONE  CROSSMATCH RED  CELLS	83519 86920 86921 86922	Heparin Tube  6 mL blood	Pink Plastic Vac	(Quest)  Blood Bank	See Report  Compatible	Extraction, RIA  Tube Test or Gel Test	R = 3-5 days R = 80-120 min. S = 45-60 min.	frozen plasma  Reflexive Rule: A positive antibody screen or incompatible crossmatch may reflex an antibody identification.
CRYOGLOBULIN	CRYO	CRYOGLOBULIN	82595	10 mL blood	Red Top Vac	Clinical Immunology, Core	Negative		R = 72 hrs.	Reflexive Rule: If Cryo is Positive a Quantitation is performed. If the Quantitative result is 10 or greater, Cryoglobulin Isotyping will be performed and billed (CPT 86334). Transport STAT to Lab. WARM at 37°C. Do not draw on weekends or holidays.
Cryptococcal Antigen Titer (Serum)	CRYAG	CRYPTOCOCCAL ANTIGEN TITER		3 mL Blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Negative	Latex Agglutination	R = 4 hrs.	Critical Value: Positive titers
CYCLOSPORA	SCYLO	STOOL CYCLOSPORA/ISOSPO RA STN	87206	Stool	Total Fix Vial	Reference Lab (Quest)	Negative	Smear	R = 72 hrs. S = N/A	Sent out. Refrigerate sample

	LIS ORDER				~~				Turnaround	
TEST NAME	NAME	CSF ARBO VIRUS	CPT Code	SPECIMEN	CONTAINER	LAB Reference Lab	REFERENCE RANGE	METHOD	Time	COMMENTS
CSF Arbo Virus Titers	CARB	IGM TITER	86256	0.5 mL CSF	CSF Tube	(Quest)	See Report		R = 14 days	
CSF Varicella Zoster						Reference Lab				
IgG Antibody Titer	CFVZG	CSF VARICELLA IGG	86787	0.5 mL CSF	CSF Tube	(Quest)	See Report		R = 3-5 days	
CSF Varicella Zoster IgM Antibody Titer	CFVZM	CSF VARICELLA IGM	86787	0.5 mL CSF	CSF Tube	Reference Lab (Quest)	See Report		R = 3-5 days	
igivi Antibody Titer	CFVZIVI	CSF VARICELLA IGM	80/8/	U.5 ML CSF	CSF Tube	(Quest)	бее кероп		R = 3-5 days	
CSF VDRL						Clinical				If CSF VDRL is reactive, Quantitative
See Comments for						Immunology,			R = once a	VDRL (CPT 86593) is performed AND
Reflexive Rule	CFVDR	CSF VDRL	86592	0.5 mL CSF	CSF Tube	Core	Non-reactive	Flocculation	week	CSF FTA is sent to Reference Lab.
				CSF or Ventricular	Sterile CSF			Semiautomated	R=6 Weeks	
CSF AFB Culture CSF BCL-1 PCR	CXAFB	CSF AFB CULT	87116	Fluid	Tube	Microbiology Clinical	Negative	Detection System	S=N/A	Critical Value: Positive
bcl-1 Translocation by			81401			Molecular				
PCR	CFBCP	CSF BCL I P	G0452	1 mL CSF	CSF Tube	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F.
CSF BCL-2 MAJOR						Clinical				
BREAKPOINT CLUSTER			81401			Molecular				
PCR	CFBMA	CSF BC2 MA	G0452	1 mL CSF	CSF Tube	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F.
CSF BCL-2 MINOR						Clinical				
BREAKPOINT CLUSTER PCR	CFMIN	CSF BC2 MI	81401 G0452	1 mL CSF	CSF Tube	Molecular Biology, RIH	Negative	PCR	P = 2.4 days	Test performed M - F.
r un	CFIVIIIN	USF BUZ IVII	G0452	I IIIL COF	COF TUDE	Biology, KIT	ivegative	FUR	n = 2-4 days	rest perioritied ivi - F.
CSF Cell Count & Differential See Comments for Reflexive Rule	CFCCT CFDIF	CSF CELL CT CSF DIFF	89050 89051	1 mL CSF	Tube #1 Cell Count Tube #4 Cell Count & Diff	Urinalysis	0-5 Monuclear cells 0 RBC	Chamber Count, Cytocentrifuge & Wright's Stain	R & S = 1 hr.	Critical Value: Bacteria is noted.  CSF Cell Count (CPT 89050) is ordered and CSF Nucleated cell count is > or equal to 10, the a CSF Differential (CPT 89051) is performed, if not ordered, crediting the cell count.  Send specimen STAT to Lab. In order to get a cell count on both first and last tube, the order for the second cell count must be ordered in separate order session. Otherwise, system will cancel as duplicate.
CSF Chemistry : Glucose,	CFGLU CFTP	CSF GLUCOSE CSF PROTEIN	82945 Glu 84157 TP		Sterile plastic		Normal: Glucose 38-85 mg/dL Protein 15-45 mg/dL	Chloride = Indirect ISE Glucose = Glucose oxidase	R = Daily	
Protein, Chloride	CFCL	CSF CHLORIDE	82438 CI	mL CSF	CSF tube	Chemistry Clinical	Chloride 121-130 mEq/L	Protein = Pyrogallol	S = 1 hr.	
CSF CMV PCR						Molecular				
Cytomegalovirus by PCR	CFCMP	CSF CMV PCR	87496	1 mL CSF	CSF Tube	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F
CSF Coccidioides Immitus		CSF COCCIDIOIDES				Reference Lab				
F Ab	CCOC	IMMITUS AB	86331	0.5 mL CSF	CSF Tube	(Quest)	See Report	Immunodiffusion	R = 14 days	
CSF Cryptococcal Antigen Titer	CFCYP	CSF CRYPTOCOCCAL ANTIGEN TITER	87449	0.5 mL CSF	CSF Tube	Clinical Immunology, Core	Negative	Latex Agglutination	R = 4 hrs.	Critical Value: Positive titers
	0, 0, 11	7.IVIIOLIV IIILIX	0,440	5.5 IIIE 50I	COI TUDE	2010		_a.o. riggidiliation	1110.	Critical Value: Positive Fluid
CSF Culture and gram stain	CXCSF	CSF CULT AND GS	87070 87205	1 mL CSF	Sterile CSF Tube	Microbiology	No Growth	Bacterial Culture, including yeast and gram stain	R= 48 hrs S= N/A	from indwelling ventricular shunts should be ordered as a CSF Shunt Fluid Culture/GS
CSF Cytomegaliovirus	050014	005014/100 11515	86644	0.51.005	CCE Tub	Reference Lab	Can Danast		D 05 1	
Antibody IgG and IgM	CFCGM	CSF CMV IGG AND IGM	86645	0.5 mL CSF	CSF Tube	(Quest) Clinical	See Report	<del> </del>	R = 3-5 days.	
CSF EBV PCR						Molecular				
Epstein Barr Virus by PCR	CFEBP	CSF EBV PCR	87798	1 mL CSF	CSF Tube	Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F
CSF Fluorescent Treponemal Antibody	CFTA	CSF FTA	86781	0.5 mL CSF	CSF Tube	Reference Lab (Quest)	Non-reactive	Indirect Immunofluorescence (IFA)		The CSF FTA-ABS test result should be correlated with the serum and the clinical findings. Sent out.
CSF Fungal Culture with Calcofluor	CXFUS	CSF FUNGAL CULTURE WITH CALCOFLUOR	87102 87206	1 mL CSF	Sterile CSF Tube	Microbiology	No Growth	Culture for yeast and mold. Smear: Calcofluor	R= 4 weeks S= N/A	Critical value : Positive

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS	
			00000							33,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
CSF Herpes Simplex Type	CFHG	CSF HSV 1 and 2 IGG	86695	0 1 1 1 1	005.7.1	Reference Lab	O D		D 7 1		
1 and 2 Antibody (IgG)	CFRG	CSF HSV Tand 2 IGG	86696	3 mL blood	CSF Tube	(Quest)	See Report		R = 7 days		
CSF Herpes Simplex Type			86695			Reference Lab					
1 and 2 Antibody (IgM)	CFHM	CSF HSV 1 and 2 IGM	86696	3 mL blood	CSF Tube	(Quest)	See Report		R = 7 days		
CSF HSV PCR Herpes Simplex Virus by										Test performed M - F. Performed same	
PCR	CHSVP	CSF HSV 1 and 2 PCR	87529	0.5 mL CSF	CSF Tube	Virology, RIH	Negative	PCR	R = 1-2 days	day if received before 11 AM	
CSF IgH PCR						Clinical	- 3				
Immunoglobulin Heavy	051011	005 1011 505	81261			Molecular		200			
Chain by PCR	CFIGH	CSF IGH PCR	G0452	1 mL CSF	CSF Tube	Biology Clinical	Negative	PCR	R = 2-4 days	Test performed M - F	
CSF Immunoglobulin (IgG)		CSF IMMUNOGLOBULIN				Immunology,					
ONLY	CFIGG	G	82784	0.5 mL CSF	CSF Tube	Core	0.5-6.1 mg/dL	Nephelometry	R = M - F		
CSF Lactic acid (CSF Lactic)	CFLAC	CSF LACTIC ACID	83605	0.5 mL CSF ON ICE	Sterile plastic CSF Tube	Chemistry, RIH	0.5-2.0 mEg/L	Lactate oxidase / Peroxidase	S = 1 hr.	Transport Stat on Ice	
CSF LYME DISEASE AB	OI LAC	OGI LACTIO AGID	03003	ONIOL	COI TUDE	KIIT	0.5-2.0 IIIEq/E	i cioxidase	0 = 1111.	Transport Stat of the	
by PCR											
(Titer to Borrelia	CLVM	CSF OR SYNOVIAL		1 mL CSF or	\\/\bita	Reference Lab	Can Danast	DCD	R = once per	Can only be performed on CSF or	
Burgdorferi)	CLYM	LYME PCR	82040	Synovial Fluid	White Top Vac	(Quest)	See Report	PCR	week	Synovial Fluids	
			82042			Reference Lab					
			82784x2	2 mL CSF & 2 mL	CSF Tube Red	(Focus) via		Nephelometry and			
CSF Lyme Index	CLYM1	CSF LYME INDEX	86618x6	Serum	Top vac	Quest	See Report	Immunoassay	R = 3-5 days		
				2 mL CSF (CSF)							
		CSF MYELIN BASIC		(1.1 mL minimum)	Sterile plastic	Reference Lab					
CSF Myelin Basic Protein	CMYEL	PROTEIN	83873	ON ICE	CSF tube	(Quest)	See Report	RIA	R = 3-5 days	Sent out.	
										Requires both CSF and blood collected	
										at the same time. If only one of the	
					Sterile plastic					samples is received, notify ordering	
CSF OLIGOCLONAL BANDS	COLIG	CSF OLIGOCLONAL BANDS	83916	2.5 mL CSF 5 mL Blood	CSF tube Red Top Vac	Reference Lab (Quest)	Negative	Isoelectric Focusing	R = 3-5 days	physician for instructions on how to proceed. Ship Frozen. Sent out.	
CSF RPR	COLIG	DAINDS	03910	5 IIIL BIOOG	Red Top Vac	(Quest)	Negative	isoelectric Focusing	K = 3-5 days	See CSF VDRL	
					Sterile						
005 01 51 0 . 1:		005 0111117 511110		>1 mL	Leakproof			Aerobic, Anaerobic,			
CSF Shunt Fluid Culture and gram stain	CXSHN	CSF SHUNT FLUID CULT AND GS	87075 87205	VENTRICULAR FLUID	Container or Shunt Bag	Microbiology	No Growth	Yeast Culture and gram stain	R= 5 days S= N/A		
CSF T Cell Antigen	OXOTH4	002171112 00	07200	LOID	Chant Bag	Wildroblology	THO CHOWAT	gram stan	14/7		
Receptor Beta Gene						Clinical					
Rearrangement by PCR (TCR beta by PCR)	CFTCB	CSF TCR BETA PCR	81340 G0452	1 mL CSF	CSF Tube	Molecular Biology, RIH	Negative	PCR	P = 7 10 days	Test performed M - F.	
CSF T Cell Antigen	01 100	COL TON BLIA FOR	00402	T THE OOF	COI TUDE	Diology, IXII I	110galive	1 510	1 1-10 uays	root periorined ivi - i .	
Receptor Gamma Gene						Clinical					
Rearrangement by PCR (TCR gamma by PCR)	CFTCG	CSF TCR GAMMA PCR	81342 G0452	1 mL CSF	CSF Tube	Molecular	Negative	PCR	D = 7 10 do:	Test performed M - F.	
CSF Toxoplasma gondii	CF ICG	CSF TCR GAMMA PCR	G045Z	I IIIL COF	COF TUDE	Biology, RIH Reference Lab	ivegative	FUR	n = 1-10 days	rest penormed wi - r.	
IgG Antibody Titer	CFTXG	IGG	86777	0.5 mL CSF	CSF Tube	(Quest)	See Report		R = 3-5 days.		
CSF Toxoplasma gondii		CSF TOXOPLASMA			005.7	Reference Lab					
IgM Antibody Titer CSF Tumor cells	CFTXM	IGM	86778	0.5 mL CSF	CSF Tube	(Quest) Cytology	See Report		R = 3-5 days.	See Cytology Section.	
CSF Varicella Zoster						Reference Lab				SSS Sylviogy Section.	
Antibody (IgG)	CFVZG	CSF VARICELLA IGG	86787	0.5 mL CSF	CSF Tube	(Quest)	See Report		R = 3-5 days.		
CSF Varicella Zoster	OE)/7**	OCE VADICELLA IC:	00707	0.51.005	COE Tub	Reference Lab	Can Danast		D 05 1		
Antibody (IgM)	CFVZM	CSF VARICELLA IGM	86787	0.5 mL CSF	CSF Tube	(Quest) Clinical	See Report		R = 3-5 days.		
CSF VZV PCR Varicella		CSF VARICALLA			1	Molecular					
Zoster Virus by PCR	CFVZP	ZOSTER PCR	87798	1ml of CSF	CSF Tube	Biology, RIH	Negative	PCR	R=2-4 days	Test performed M-F	
				5 mL blood Whole Blood	Lavonder Ter	Toxicology		Microdiffusion/	D _ M Cot		
CYANIDE	CN	CYANIDE LEVEL	82600	Required	Lavender Top Vac	Toxicology, RIH	0-20 ug/dL	Microdiffusion/ Spectrophotometry	R = M - Sat S = 4 hrs.	Toxic: >50 ug/dL	
					Lavender Top	Reference Lab				Must be shipped frozen.	
CYCLIC-AMP SERUM	AMP	CYCLIC AMP SERUM	82030	5 mL blood	Vac	(Quest)	See Report	RIA	R = 3-5 days	Sent out.	

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
CYCLOBENZAPRINE						Tavianlanı	Theres entire Decree	High Performance	D T. 0 F	
(Flexeril)	CYBNZ	CYCLOBENZAPRINE LEVEL	82491	5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 3-36 ng/mL.	Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic >50 ng/mL
(Fickerii)	OTBIAL	LLVLL	02401	o me biood	rica rop vac	T.II.	o oo ng/me.	Omomatography	0 = 0 1113.	TONG 200 HIGHTE
				5 mL blood				Chemiluminescent		
CYCLOSPORINE, whole				Whole Blood	Lavender Top	Toxicology,	Therapeutic Range:	Microparticle	R = M-Sat.	Call Toxicology @ 444-5858 to arrange
blood	CYC	CYCLOSPORINE2	80158	Required	Vac	RIH	Variable	Immunoassay (CMIA)	S = 2 hrs.	for a Stat.
										Sample must be kept at room
CYSTIC FIBROSIS DNA				5 mL blood Whole	Lavender Top	Reference Lab			R = 10-12	temperature and sent as whole blood.
by PCR	CFIBP	CYSTIC FIBROSIS PCR	81220	Blood Required	Vac	(Quest)	See Report	PCR	days	Tests for 25 specific mutations.
CYTOGRAM - VAGINAL						Cytology				See Cytology Section.
						Clinical	Negative: ≤ 0.90			
Cytomegalovirus IgG CMV IgG	CMG	Cutomo malaurimus InC EIA	86644	3.0 mL blood	Red Top with Gel (Gold)	Immunology, Core	Equivocal : 0.91-1.09 Positive: ≥ 1.10	EIA	R = once a week	
Civiv igG	CIVIG	Cytomegalovirus IgG EIA	00044	3.0 IIIL DIOOG	Gei (Goid)	Clinical	Negative: ≤ 0.90	EIA	week	
Cytomegalovirus IgM					Red Top with	Immunology,	Equivocal : 0.91-1.09		R = once a	
CMV IgM	CMM	Cytomegalovirus IgM EIA	86645	3.0 mL blood	Gel (Gold)	Core	Positive: ≥ 1.10	EIA	week	
D-DIMER (PE/DVT)		D Dimer Deep Vein Thromb Level (MedHost			1	1	< 230 ng/mL (cut off for		R = < 4 hrs.	Tube must contain at least 2.7 mL of
RIH & TMH ED only	DVTD1	RIH & TMH only)	85379	2.7 mL blood	Blue Top Vac	Coagulation	VTE exclusion)	Enzyme Immunoassay	S = \$1 hr.	blood to ensure accuracy.
THIT G TWITT ED OTHY	BVIBI	Turra Tiviri Grily)	00070	Z.7 IIIZ DIOGG	Dide rop vae	Coagaiation	VIE OXOIGSION)	Enzyme immunoassay	R = < 4 hrs.	Tube must contain at least 2.7 mL of
D-DIMER (Quant)	DDIM1	D DIMER LEVEL	85379	2.7 mL blood	Blue Top Vac	Coagulation	0 - 300 ngmL	Enzyme Immunoassay	S = Š1 hr.	blood to ensure accuracy.
D-DIMER (Quant)					Blue Top Vac,	Special Heme,				
Newport Hospital Only	NHDDM	D DIMER QUANT	85379	4.5 mL blood	On Ice	NH	68 - 500 ng/mL	ELFA	R = 2  hrs.	Newport Hospital Only
DEOXYCORTICOSTERONE		DEOXY-				Reference Lab		Extraction,		Refrigerate during transport. Sent
(DOC)	DOC	CORTICOSTERONE	82633	5 mL blood	Red Top Vac	(Quest)	See Report	Chromatography, RIA	R = 5-7 days	out.
DEPAKENE (Valproic Acid)	VALP	VALPROIC	80164	3mL blood	Green Top Vac with Gel (Mint)	Chemistry	Therapeutic range: 50-100 ug/mL	PETINIA	R = Daily S = 2 hr.	Critical: >150 ug/mL (First incidence only) VPA Peak depends on how drug was administered. Syrup: 0.5-1 hour Capsule 1-3 hrs Coated Capsule 2-6 hrs. Trough: immediately before next dose may be the most reliable value for dose related adjustments.
DEPAKOTE (Depakene, Valproic Acid)	VALP	VALPROIC	80164	3 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Therapeutic range: 50-100 ug/mL	PETINIA	R = Daily S = 2 hr.	Critical: >150 ug/mL (First incidence only) VPA Peak depends on how drug was administered. Syrup: 0.5- 1 hour Capsule 1-3 hrs Coated Capsule 2-6 hrs. Trough: immediately before next dose may be the most reliable value for dose related adjustments.
DESIPRAMINE	DESIP	DESIPRAMINE LEVEL	80160	10 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 150-250 ng/mL	High Performance Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic: > 500 ng/mL Performed Tu and F, P.M
DESYREL	TRAZ	TRAZODONE LEVEL	82491	10 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: 0.8 - I.6 ug/mL	High Performance Liquid Chromatography	R = Weekly S = 8 hrs.	Toxic: >5.0 ug/mL
DEXAMETHASONE SUPPRESSION TEST	DXMET	DEXAMETASONE CORTISOL		5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	0.0 - 5.0 ug/dL	Chemiluminesence		Patient takes med @ 10-11 PM and then again @ 8 AM. Patient must be NPO during this period. Draw fasting Cortisol ordered as Dexamet.
DHEA Dehydroepiandrosterone	DHEA	DHEA LAB	82626	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Extraction, Chromatography, RIA	R = 3-5 days	Sent out.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
DHEA SULFATE (DHEA - SO4) DEHYDRO- EPIANDROSTERONE SULFATE	DHEAS	DHEA SULFATE	82627	5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	Reference Ranges vary by age and sex. See Lab Report for appropriate ranges.	Immuno- Chemiluminesense	R = M, Th	Once received in lab, spin and freeze immediately.
DIALYSATE CULTURE and GRAM STAIN	CXDIA	DIALYSIS ANA AER CULT W GS	87075 87070 87205	Peritoneal Dialysis fluid	White Top Vac and Aerobic / Anaerobic Blood Culture Bottles	Microbiology	No Growth	Aerobic, Anaerobic, Yeast Culture and gram stain	R = 5 days	Deliver to Lab immediately.
DIAZEPAM See Comments	VAL	VALIUM DIAZEPAM AND NORDI	80154 82491	5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 0.1 - 1.5 ug/mL	High Performance Liquid Chromatography	R = Weely S = 8 hrs.	Toxic: >5 ug/mL Nordiazepam is performed and charged on all requests.
DIFFERENTIAL/ (MANUAL)	MDIFF	LAB ORDER ONLY	85007	Can be taken from CBC sample. CBC must also be ordered		Hematology		Push Smear, Wright's Stain	R = < 5 hrs. S = 1 hr.	CBC generally includes an automated differential. For any previously undetected abnormality, a manual differential will be initiated.
DIGITOXIN	Not orderable	Not orderable	80299	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	FPIA	R = 3 days	Sent out. Sample should be collected 12-48 hours after last dose.
DIGOXIN	DIG	DIGOXIN LEVEL	80162	5 mL blood	Red Top with Gel (Gold)	Chemistry	If dose is 0.25 mg daily: Therapeutic range : 0.8-2.0 ng/mL	Chemiluminescence	R = Daily S = 1 hrs.	Critical Value: > 2.5 ng/mL. (First incidence only) Blood must be drawn at least 6 hrs. after dose is given.
DIHYDRO- TESTOSTERONE	DIHYR	DIHYDRO - TESTOSTERONE	82651	10 mL blood.	Red Top Vac	Reference Lab (Quest)	See Report	Extraction, Chromatography, RIA	R = 3-5 days	Sent out.
DILANTIN (Phenytoin)	DIL	DILANTIN PHENYTOIN	80185	3 mL blood	Green Top Vac	Chemistry	Therapeutic range: 10-20 ug/mL	PETINIA	R = Daily S = 1 hr.	Critical Value: >30 μg/mL (First incidence only) Peak serum levels are reached in 1.5 - 3 hours post dose for regular formulations and 4 - 12 hours after slow releasing formulations.
DILANTIN, FREE See Comments	FDIL	FREE DILANTIN + DILANTIN	80185 80186	4 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: 1.0-2.0 ug/mL	Floresence Polarization Immunoassay (FPIA)	R = M-Sat S = 2 hrs. R = Weekly	Free Dilantin Toxic: >2.5 µg/mL A total dilantin is also performed on all requests.
DIPHENHYDRAMINE	DPHY	DIPHENYDRAMINE	82491	5 mL blood	Red Top Vac	Toxicology, RIH	100-1000 ng/mL	Gas Chromatography	S = 6 hrs.	Toxic: >5000 ng/mL Synonym: Benadryl.
DIRECT ANTIGLOBULIN ORDER HEMOCARE (Direct Coombs) See Comments for Reflexive Rule DISOPYRAMIDE	DAT	DIRECT COOMBS TEST DISOPYRAMIDE	86880	Adults: 6 mL Blood Whole Blood Required Pediatrics: 3 mL Blood	Adults : Pink Plastic Vac Pediatrics : Lavender tube only	Blood Bank Reference	Negative	Tube Test	R=30 min. S=15 min.	Critical Value: Positive results when not associated with tranfusion reaction. All results when associated with a Transfusion Reaction. Reflexive Rule: A positive direct antiglobulin test may reflex an elution.
(Norpase)	DISOP	NORPACE	82491	5 mL blood (Min) 3 mL blood	Red Top Vac	Lab, Quest	See Report	Enzyme Immunoassay	R = 2-4 days	
DNASE B (Anti- Deoxyribonuclease B)	DNB	DNASE B ANTIBODY	86215	3.0 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	< 187 U/mL	Nephelometry	R = M - F	
DONATH-LANDSTEINER						Blood Bank RIH			R = 5-10 hrs.	
DOPAMINE						Toxicology, RIH Reference Lab			R = Weekly	See Catecholamine
DORIDEN (Glutethimide)	DOR	DORIDEN LEVEL	82980	5 mL blood	Red Top Vac	(Quest)	See Report		R = 5-7 days	
DOUBLE STRANDED DNA ANTIBODY	ADNA	ANTI DS DNA	86225	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	< 1:10	Indirect Immunofluorescence (IFA)	R = twice per week	
DOXEPIN (Sinequan)	DOX	DOXEPIN AND DEMETHYLDOX	80166	10 mL blood (Min) 5mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: Doxepin + Desmethyldoxepin 110-250 ng/mL	High Performance Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic: > 500 ng/mL Desmethyldoxepin is performed on all requests for Doxepin. Performed Tu and F, P.M

	LIS ORDER								Torrangement	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
DOVAL AMINE	DOW	DOXXII AMINE LEVEL	00404	C and blood	Dad Tan Van	Toxicology,	Therapeutic range:	Car Characteria	R = Weekly	Tavia
DOXYLAMINE	DOXYL	DOXYLAMINE LEVEL	82491	5 mL blood	Red Top Vac	RIH	50-500 ng/mL	Gas Chromatography	S = 6 hrs.	Toxic: > 900 ng/mL
DRUG SCREEN COMPREHENSIVE	DSC	DRUG SCREEN COMPREHENSIVE	80101 X10 82055	50 mL random urine and 10 mL blood	Clean plastic (100 mL) urine container and both a red top and a mint top vac.	Toxicology, RIH		Enzyme Immunoassay, Gas Chromatography/ Mass Spectrometry	R = M - Sat. S = 3 hrs.	Assay intended for use with self poisonings or suspected ingestions of unknown origin. Drugs identified in the urine are quantitated in the serum whenever possible, but a separate order is needed. Drugs of abuse are confirmed. (Note other drug screening options available.)
DRUG OF ABUSE SCREEN	ERDAU	DRUG OF ABUSE SCRN	80101x8	50 mL random urine x2	Clean plastic (100 mL) urine container	Chemistry		Enzyme Immunoassay	R = Daily S = 1 hr.	This panel represents the most common clinical standard for drug screening and is available 24 hours per day and 7 days week. The positive cutoff values are listed after each drug classs. Drugs tested for include amphetamines (1000ng/mL), barbiturates (200 ng/mL), benzodiazepines (200 ng/mL), cocaine (300 ng/mL), methadone (300 ng/mL), opiates (300 ng/mL), phencyclidine (25 ng/mL), and THC (50 ng/mL).
D-XYLOSE TOLERANCE	XYL	XYLOSE SERUM	84620	5 mL blood per sample Whole Blood Required if collected in Gray top	Red Top or Gray	Reference Lab	See Report	Colorimetric	R = M & Th	Sent out. Keep serum or whole blood at room temperature. Samples include 1 and 2 hour post dosing bloods and a 5 hour urine. Testing may be booked through APC at RIH by calling 793-4200.
					Carey Blair	( ,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
E Coli O157-H7 Culture	CXECO	STOOL E COLI 0157 H7 CULT	87045	Stool	Transport Medium available from Stores Item#115532	Microbiology	Negative	Culture to R/O EC O157 only	R= 48 HRS S= N.A.	This is performed on request, automatically performed on Bloody specimens
E.C.H.O. VIRUS SEROLOGY	ECHO	ECHO TITER	86658 X7	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Complement Fixation	R = 3-5 days	Sent out.
SEROLOGI	ECHO	ECHO IIIER	00000 A7	5 IIIL blood	Copan Double	(Quest)	зее кероп	Bacterial Culture,	R= 48 hrs.	Sent out.
Ear (External) Culture	CXEAR	EAR CULT	87070	Ear Swab	Swab	Microbiology	Mixed Cutaneous Flora	including yeast	S= N/A	
Ear (Internal) Culture and gram stain	CXEAG	EAR CULT AND GS	87070 87205	Tympanocent. Fluid	Sterile Leakproof Container	Microbiology	No Growth	Bacterial Culture, including yeast, gram stain	R= 48 hrs. S= N/A	
Ear Fungal Culture and smear	CXFUS	EAR FUNGAL CULT AND SMEAR	87102 87206	Tympanocent. Fluid or Ear swab	Sterile leakproof container or copan double swab	Microbiology	Negative	Culture for yeast and mold. Smear: calcoflour	R= 4 weeks S= N/A	
Ear Viral Culture	CXVIR	EAR VIRAL CULT	87252	Ear Swab	Copan Double Swab placed into UTM	Virology, RIH	Negative	Spin amplified detection for Influenza A, B, Para I, II, III, RSV, Adenovirus and HSV I & 2		At RIH, UTM supplied by Central 444- 6107 At TMH, UTM supplied by Microbiology 793- 4235
Lai Viiai Guiture	CAVIK	EAR VIRAL CULT	87252 86651	Lai SwaD	IIILO O I IVI	virology, KIH	Inegative	anu HSVI&Z		H200
EASTERN EQUINE ENCEPHALITIS ANTIBODY IgG	ARIG1	ARBOVIRUS IGG AB PANEL	86652 86653 86654	3 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report			Includes St. Louis, EEE, WEE and CAE. Sent to Focus via Quest
EASTERN EQUINE ENCEPHALITIS ANTIBODY IgM	ARIM1	ARBOVIRUS IGM AB PANEL	86651 86652 86653 86654	3 mL blood	Red Top with Gel (Gold)	Reference Lab	See Report			Includes St. Louis, EEE, WEE and CAE. Sent to Focus via Quest
EBV (IgA only) Viral		EPSTEIN BARR				Reference Lab				
Capsid Antigen	EBCAL	CAPSID AG	86665	5 mL blood	Red Top Vac	(Quest)	See Report		R = 7-10 days	Sent out.

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TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
I LOT MAINL	IVAINI L	SHIS SKEEK HAME	or i code	OI LOIMLIN	CONTAINER	LAD	Negative: ≤ 0.9	MILITIOD	Time.	COMMENTO
							Equivocal: 0.91-1.09			
							Positive ≥1.10			
			86663				EBV VCA IgG			
			86664			Clinical	EBV VCA IgM			Test includes antibody to viral capsid
		EPSTEIN BARR VIRUS	86665		Red Top with	Immunology,	Early Antigen			(IgG and IgM) antigen. Early antigen
EBV ANTIBODY TITER	EBVTI	TITER		5.0 mL blood	Gel (Gold)	Core	EBNA	EIA	R =Twice/wk	and Epstein Barr nuclear antigens.
EBV ANTIBODT THER	EDVII	IIIEK	00000	5.0 IIIL blood	Ger (Gold)	Core	EDINA	CIA	K = I WICE/WK	and Epstein Ban nuclear antigens.
EOU IIN OOO OOU IO 1-0 AB		ECHINOCOCCUS IGG				D. (				Manager and the state of the st
ECHINOCOCCUS IgG AB	E01114		00000	F 111	D. 1 T 1/	Reference Lab	0	E14	D 05 l	If positive will reflex to the IgG Western
with Reflex to Western Blot	ECHI1	AB w Reflex	86682	5 mL blood	Red Top Vac	(Quest)	See Report	EIA	R = 3-5 days	Blot and be billed
										Test includes both IgG & IgM antibody
A phagocytophilum Ab IgG		A PHAGOCYTOPHILUM				Reference Lab		1		testing. Sent
IgM	EHGRA	AB IGG IGM	86666X2	5.0 mL blood	Red Top Vac	(Quest)	See Report	IFA	R = 3-5 days	out to Quest.
EHRLICHIA MONOCYTIC										
ANTIBODIES (IgG		EHRLICHIA				Reference Lab				Test includes both IgG & IgM antibody
& IgM)	EHRMO	MONOCYTIC	86666X2	5.0 mL blood	Red Top Vac	(Quest)	See Report	IFA	R = 3 -5 days	testing. Sent out.
										Toxic: >500 ng/mL
							Therapeutic range: total			Indicate if patient is receiving
							Amitriptyline plus	High Performance		phenothiazines. Nortriptyline is
ELAVIL (Amitriptyline)			80152			Toxicology,	Nortriptyline 120-250	Liquid	R = Tu & F	performed and charged on all requests
See Comments	AMIT	AMITRIP and NORTRIP	80182	10 mL blood	Red Top Vac	RIH	ng/mL	Chromatography	S = 6 hrs	for amitriptyline.
COC COMMISSING	7	THE TANK THE	00.02	10 1112 B1000	riou rop ruo			omomatograpmy	0 - 0 10	ior amarptymor
					Green Top Vac		See Individual		R = 4 hrs.	Group contains Sodium, Potassium,
ELECTROLYTES	LYT1	LYTES LAB		4 mL blood	with Gel (Mint)	Chemistry	Components	Indirect ISE	S = 1 hr.	Chloride, CO2, and Anion Gap.
ELECTROLITES	SNA	Fecal Na	82438	4 IIIL blood	With Ger (Willit)	Orientistry	Components	III direct IOL	0 = 1 111.	Officiale, 302, and Afficia Cap.
ELECTROLYTES	SK		82438 84302	10 mL Random		Doforopoo Lob		Flome Dhotometry		Fecal Sodium, Potassium and Chloride
		Fecal K	84311		Class Castaines	Reference Lab	Can Danast	Flame Photometry	D 0.4 da	
Fecal	FCHL	Fecal CI	84311	stoll	Clean Container	(Quest)	See Report	Coulometric titration	R = 3-4 days	must be ordered individually.
ELECTROPHORESIS										L
Urine Protein						Clinical		Electrophoretic		If a monoclonal protein is detected, an
See Comments for		U PROTEIN			Urine specimen	Immunology,		Separation of Proteins		IFE (CPT 86334) will be performed and
Reflexive Rules	UPEP	ELECTROPHORESIS	84165	Random urine	container	Core	No protein detected	(SPE)	R = 5-7 days	charged
ELECTROPHORESIS										
24 Hr Urine Protein		U PROTEIN			Clean plastic	Clinical		Electrophoretic		If a monoclonal protein is detected, an
See Comments for		ELECTROPHORESIS			(2L) urine	Immunology,		Separation of Proteins		IFE (CPT 86334) will be performed and
Reflexive Rules	UPEP2	24hr	84165	24 hr urine	container	Core	No protein detected	(SPE)	R = 5-7 days	charged
										If a new or cryptic paraprotein band
										and/or when there are changes to a
										previous known monoclonal, then an
							TP = 6.3-8.3 g/dL			IFE (CPT 86334) and a Total
							Alb = 3.54-5.04 g/dL			Immunoglobulin Levels (IgG, IgM, IgA)
ELECTROPHORESIS							Alpha 1= 0.1025 g/dL			(CPT 82784) are performed and
Serum Protein						Clinical	Alpha 2 = 0.57-1.04 g/dL	Floatrophoratio		charged. If indicated, free
					Ded Tee with			Electrophoretic		1 °
See Comments for	ODED	0050**	04405	E 1.1	Red Top with	Immunology,	Beta = 0.61-1.17 g/dL	Separation of Proteins	D 57.1	Kappa/Lambda light chain ratio will
Reflexive Rules	SPEP	SPEP**	84165	5 mL blood	Gel (Gold)	Core	Gamma = 0.50-1.5 g/dL	(SPE)	R = 5-7 days	be reflexed and charged.
					ĺ				I	l
					1				1	HGB ELEC Test. Performed on
					I				I	Wednesday.
					I		Fetal Hgb: <2% (over age		1	Depending on the results obtained, a
					Lavender Top		of 2 years)		I	Fetal Hemoglobin (83030), Hemoglobin
					Vac	Special	Normal A2: <3.4%		I	A2 (83021), Sickle Cell Screen (85660),
ELECTROPHORESIS			83020	3 mL blood Whole	Microtainer also	Hematology,	Hgb A: remaining	Capillary	I	Unstable Hemoglobin (83068) or an
Hemoglobin	HGBEL	HEMOGLOBIN ELECT	85027	Blood Required	accepted	RIH	hemoglobin	Electrophoresis	R = 48-72 hrs	Acid Citrate may be ordered.
ELECTROPHORESIS						Special		·		
Hemoglobin F, RBC				3 mL blood Whole	Lavender Top	Hematology,		Capillary	I	
quantitative	HBF	HEMOGLOBIN F	83030	Blood Required	Vac	RIH		Electrophoresis	R = 24 hrs.	HB F done M - F AM
ELECTROPHORESIS					İ	Special		<u>'</u>	1	
Hemoglobin S, RBC				3 mL blood Whole	Lavender Top	Hematology,		Capillary	I	
quantitative	HBS	HEMOGLOBIN S QUAN		Blood Required	Vac	RIH		Electrophoresis	R = 24 hrs.	
ENA	TIDO		02-101	3 mL blood	1.00	Clinical		comopriorodio		Negative : < 20 Units Weak
Extractable Nuclear		EXT NCLR ANTG (ENA)		(Min. ) 1.0 mL	Red Top with	Immunology,			R =	Pos: 20-39 Mod Pos: 40-
	JO1		86235	blood	Gel (Gold)		Negative	EIA	R = Once/Week	80 Strong Pos: ≥80
Antigen (ENA) JO 1	JU I	JO 1	00235	bioou	GEI (G0IQ)	Core	rvegative	EIA	OTICE/ Week	00 Strong Fos. ≥00
ENA					I				I	L
Extractable Nuclear		EVE NOUB ATTO (ETT.)			L	Clinical			L	Negative : < 20 Units Weak
Antigen (ENA) Ribonuclear		EXT NCLR ANTG (ENA) RNP			Red Top with	Immunology,	1		R =	Pos: 20-39 Mod Pos: 40-
Protein	RNP		86235	3 mL blood	Gel (Gold)	Core	Negative	EIA	Once/Week	80 Strong Pos: ≥80

	LIS ORDER		[::::::::						Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
ENA						Clinical				Negative : < 20 Units Weak
Extractable Nuclear		EXT NCLR ANTG (ENA)		3 mL blood	Red Top with	Immunology,			R =	Pos: 20-39 Mod Pos: 40-
Antigen (ENA) SSB	SSB	SSB	86235	(Min) 1.0 mL blood	Gel (Gold)	Core	Negative	EIA	Once/Week	80 Strong Pos: ≥80
ENA						Clinical				Negative : < 20 Units Weak
Extractable Nuclear		EXT NCLR ANTG (ENA)		3 mL blood	Red Top with	Immunology,			R =	Pos: 20-39 Mod Pos: 40-
Antigen (ENA) SCL-70	SCL70	SCL 70	86235	(Min) 1.0 mL blood	Gel (Gold)	Core	Negative	EIA	Once/Week	80 Strong Pos: ≥80
ENA Extractable		EXT NCLR ANTG (ENA)		3 mL blood	Red Top with	Clinical Immunology,			R =	Negative : < 20 Units Weak Pos: 20-39 Mod Pos: 40-
Nuclear Antigen (ENA) SM	SM	SMITH	86235	(Min) 1.0 mL blood	Gel (Gold)	Core	Negative	EIA	R = Once/Week	80 Strong Pos: ≥80
ENA Extractable	Sivi	SIVITIT	80233	(IVIIII) 1.0 IIIL DIOOG	Ger (Gold)	Clinical	inegative	LIA	Office/ vveek	Negative : < 20 Units Weak
Nuclear Antigen (ENA)		EXT NCLR ANTG (ENA)		3 mL blood	Red Top with	Immunology,			R =	Pos: 20-39 Mod Pos: 40-
SSA	SSA	SSA	86235	(Min) 1.0 mL blood	Gel (Gold)	Core	Negative	EIA	Once/Week	80 Strong Pos: ≥80
				()	(20.0)	Clinical		Indirect		oneng on an
					Red Top with	Immunology,		Immunofluorescence	R = once a	
ENDOMYSIAL ANTIBODY	ENDO	ENDOMYSIAL AB	86256	5 mL blood	Gel (Gold)	Core	< 1:5	(IFA)	week	
ENTAMOEBA		1		1	ĺ	Reference Lab				
HISTOLYTICA ANTIBODY	AMOAB	AMOEBA TITER	86753	3 mL blood	Red Top Vac	(Quest)	See Report	Immunodiffusion	R = 3-5 days	Sent out.
Enterovirus by PCR	CEVP	ENTEROVIRUS PCR		0.5 mL CSF	CSF Tube	Virology, RIH	Negative	PCR	S = 3 hours	Test available 24/7
EOSINOPHIL COUNT	LIEGO	LIDINE FOOT	07005	Dan dam Or colo	Urine specimen	Lilaia alcusts	ZERO Eosinophils/100	Cytocentrifuge,	D D-"	Test surileble 24/7
Urine	UEOS	URINE EOSIN	87205	Random Specimen	container	Urinalysis	WBC	Wright's Stain	R = Daily	Test available 24/7
						Toxicology,	Thoropoutio rongo:	Gas Chromatography/	R = Weekly	
EPHEDRINE	EPH	EPHEDRINE LEVEL	82491	5 mL blood	Red Top Vac	RIH	Therapeutic range: 68-100 ng/mL	Mass Spectrometry	S = 6  hrs.	Toxic: > 500 ng/mL
ETTEBRINE	EI 11	LITIEDININE LEVEL	02431	J IIIL DIOOG	ried rop vac	TXII I	00-100 flg/filL	Mass opectrometry	0 = 0 1113.	Also known as Skin antibodies,
		EPIDERMAL				Reference Lab				Pemphigus antibodies and skin
EPIDERMAL ANTIBODIES	EPIDE	ANTIBODY	86256	5 mL blood	Red Top Vac	(Quest)	See Report		3-5 days	basement membrane antibodies.
		-				Toxicology,			, .	
EPINEPHERINE						RIH			R = Weekly	See Catecholamines.
EPO (ERYTHROPOIETIN										
)						Reference Lab				
Serum	EPO	EP0	82668	5 mL blood	Red Top Vac	(Quest)	1.2-27.7 mU/mL	Chemiluminescence	R = M,Th	Freeze immediately after processing.
							Negative: ≤ 0.9			
							Equivocal: 0.91-1.09			
							Positive ≥1.10			
			86663			01111111	EBV VCA IgG			Total Control of the
EPSTEIN BARR		EPSTEIN BARR VIRUS	86664 86665		Red Top with	Clinical Immunology,	EBV VCA IgM Early Antigen		R = twice a	Test includes antibody to viral capsid (IgG and IgM) antigen. Early antigen
VIRUS ANTIBODY	EBVTI	TITER	86665	5.0 mL blood	Gel (Gold)	Core	EBNA	EIA	week	and Epstein Barr nuclear antigens.
EPSTEIN BARR VIRUS	LDVII	IIILK	00000	3.0 IIIL DIOOG	Ger (Gold)	Core	LDIVA	LIA	WEEK	and Epstein Ban nuclear antigens.
ANITBODY (IgA only)		EPSTEIN BARR		1	ĺ	Reference Lab				
Viral Capsid ag	EBCAL	CAPSID AG	86665	5 mL blood	Red Top Vac	(Quest)	See Report		R = 7-10 days	Sent out.
ERYTHROPOIETIN						Reference Lab				
Serum	EPO	EP0	82668	5 mL blood	Red Top Vac	(Quest)	1.2-27.7 mU/mL	Chemiluminescence	R = M,Th	Freeze immediately after processing.
ESR										
Erythrocyte Sedimentation		1		1	ĺ	1				
Rate										See Sed Rate Westergren.
		0.505			ĺ	1				
ESTERASE INHIBITOR C1	04505	C1 ESTERASE		1	1	1				See C1 Esterase Inhibitor Functional
FUNCTIONAL ACTIVITY	C1ESF	FUNCTIONAL		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	1	Activity
ESTERASE INHIBITOR C1 PROTEIN	C1EST	C1 ESTERASE		1	1	1				See C1 Esterase Inhibitor Protein
FNOTEIN	CIESI	CIESIERASE	-	<del> </del>	Red Top with	Chemistry,		-	-	OCC OT LOUGIST HITHIDION FIOLENT
ESTRADIOL (E2 )	ESTR1	ESTRADIOL 2ndG	82670	5 mL blood	Gel (Gold)	Core			R = daily	
LOTTO-DIOL (LZ)	LOTIN	ESTRADIOL ULTRA	02010	o me biood	Co. (Cold)	Reference Lab			ix – daily	
ESTRADIOL Ultrasensitive	UEST1	SENSITIVE LAB	82670	5 mL blood	Red Top Vac	(Quest)	See Report	LC/MS	R = 3-5 days	Sent out.
						Reference Lab			2 3 00,0	
ESTRIOL (E3)	ESTRI	ESTRIOL LAB	82677	5 mL blood	Red Top Vac	(Quest)	See Report	Extraction, RIA	R = 3-5 days	Sent out.
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	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
									Fresh Tissue = Sent out. R = 2 days	
									Paraffin Tissue = if received	
ESTROGEN RECEPTOR									before 2:00 pm will be ready next day after 2:00	
ASSAY						Histology			pm	See Histopathology Section.
ESTROGENS, TOTAL						Reference Lab				
(NONPREGNANT)	ESTRO	ESTROGEN	82672	5 mL blood	Red Top Vac	(Quest)	See Report	Extraction, RIA	R = 3-5 days	Sent out.
ESTRONE (E1)	ESTR	ESTRONE LAB	82679	5 mL blood.	Red Top Vac	Reference Lab (Quest)	See Report	Extraction, RIA	R = 3-5 days	Sent out.
					Green Top Vac			Enzymatic: Alcohol		Critical > 400 mg/dL First Incidence only Use Betadine to prepare skin. NOT ALCOHOL.
ETHANOL	ETOH	ETHANOL LEVEL	82055	5 mL blood		Chemistry	ND (none detected)	Dehydrogenase	R & S = 1 hr.	Method measures Ethanol
ETHOSUXIMIDE (ZARONTIN)										See Zarontin
						Reference Lab				
ETHOTOIN (PEGANONE)		ET. 11 // EN.E 01.1/001	80299	10 mL blood	Red Top Vac	(Quest)	See Report	Gas Chromatrography		Sent out.
ETHYLENE GLYCOL	EGLYC	ETHYLENE GLYCOL LEVEL	82693	5 mL blood	Red Top Vac	Toxicology, RIH	ND (None detected)	Gas Chromatography	R = Daily S = 4 hrs.	Toxic: >20 mg/dL
EXTRA BLOOD BANK TUBE DRAW	EXTRA	EXTRA PINK TOP TUBE DRAW		See Comments	Blood Bank will Call	Blood Bank				Used by Blood Bank to request additional tubes for reflexive or reference lab testing.
Eye Chlamydia Probe	EYECT	EYE CHLAMYDIA PROBE	87491	Eye Swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M - F	Critical Value: Positive Blue swab should be submitted in Gen - Probe Collection Kit for analysis. (Silver foil topped containers)
			87075		Sterile leakproof			Bacterial Culture,	R = 5 days	
Eye Cornea Culture	CXCOR	EYE CORNEA CULT	87070	Cornea	Container	Microbiology	No Growth	including yeast	S = NA	
Eye Culture	CXEYE	EYE CULT	87070	Eye Swab	Copan Double Swab	Microbiology	No Growth	Bacterial Culture, including yeast	R = 48 hrs. S = NA	
Eye Culture and gram stain	CXEYG	EYE CULT AND GS	87070 87025	Eye Swab	Copan Double Swab	Microbiology	No Growth	Bacterial Culture, including yeast, gram stain	R = 48 hrs. S = NA	Critical Value: Positive eye cultures for GC
Eye Fungal Culture and smear	CXFUS	EYE FUNGAL CULT AND SMEAR	87102 87206	Cornea scraping	Sterile Leakproof Container	Microbiology	Negative	Culture for yeast and mold. Smear: calcoflour	R= 4 weeks S= N/A	
Eye Gonorrhea Probe	EYEGC	EYE GONORRHEA PROBE	87591	Eye Swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M - F	Critical Value: Positive Blue swab should be submitted in Gen - Probe Collection Kit for analysis. (Silver foil topped containers)
Eye Smear for Acanthamoeba	ACNTH	EYE ACANTHAMOEBA SMEAR	87206	Corneal Scraping	Slide: make at bedside	Microbiology	Negative	Smear - Calcofluor White	Smear R = 2 hrs., S = N.A.	Call Lab before sending. Submit specimen and requisition to Lab. Available M-F only, DAY SHIFT.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
Eye Viral Culture	CXVIR	EYE VIRAL CULT	87252 87075	Eye Swab	Copan swab placed into UTM Sterile	Virology, RIH	Negative	Spin amplified detection for Influenza A, B, Para I, II, III, RSV, Adenovirus and HSV I & 2 Aerobic, Anaerobic,	R =48 hours S = N.A.	At RIH, UTM supplied by Central 444- 6107 At TMH, UTM supplied by Microbiology 793- 4235
Eye Vitreous Culture and gram stain	CXVIT	EYE VITREOUS CULT AND GS	87205 87070	Vitreous Fluid	Leakproof Container	Microbiology	No Growth	Yeast Culture and gram stain	R = 5 days S = N.A.	
										Critical Values : F II, V. VII, VIII, IX, X, XI, XII < 30% Factor
FACTOR ASSAYS (Coagulation) F II, F V, VII, VIII, IX, X, XI, XII,XIII	FII FV FIX FVII FX FVIII FXII FXII FXIII	FACTOR II LEVEL FACTOR V FACTOR VII FACTOR VIII FACTOR IX FACTOR X FACTOR XI FACTOR XII FACTOR XIII	F-II 85210 F-V 85220 F-VII 85230 FVIII 85240 F-IX 85250 F-X 85260 F-XI 85270	9.0 mL blood	2 Blue Top Vac	Coagulation, RIH	Normal - 50-150%	Clottable	R = 1 week S = Š 1 hr.	IV, VII, VIII, IX, X, XI, XII < 30% Factor XIII - Absent Patient cannot be on Heparin or Coumadin. Available from 7 AM to 10 PM Monday to Friday and Holidays and weekeneds by special arrangement. Call Coagulation lab at 444-5560 to book. These may be ordered individually
FACTOR IX INHIBITOR	INH9	INHIBITOR F IX		9.0 mL blood	2 Blue Top Vac	Coagulation, RIH	< 1 Bethesda unit	Clottable	R = 1 week S = Š 3 hrs.	Critical Values : Factor IX Inhibitor > 1.0 B.U. Patient cannot be on Heparin or Coumadin therapy. Not performed nights, holidays, or weekends.
FACTOR V LEIDEN SCREENING ASSAY (APC Resistance)	APCSO	APC RESIST or FACTOR V LEIDEN SCRN	85300	4.5 mL blood	Blue Top Vac	Coagulation, RIH	2.5 - 5.5 ratio	Clottable	R = 3-5 days	Patient should not be on Heparin or Coumadin. Also known as APC Resistance. There is also a Genetic assay, F-V MUT DNA performed by Molecular Biology.
FACTOR V LEIDEN DNA (F-V MU DNA)	FVDNA	FACTOR V LEIDEN DNA	81241	Buffy Coat from Lavender or 3 mL Whole Blood	Lavender Top Vac	Clinical Molecular Biology, RIH	Normal	Florsecent Probe	R = 5-7 days; set up Tuesdays	Confirmatory test for APC Resistance (Factor V Leiden). Stable for 4 days refrigerated. Test set up on Tuesdays.
FACTOR V MUTATION DNA (F-V LEIDEN DNA)	FVDNA	F V MUT DNA	81241	Buffy Coat from Lavender or 3 mL Whole Blood	Lavender Top Vac	Clinical Molecular Biology, RIH	Normal	Florsecent Probe	R = 5-7 days; set up Tuesdays	(Factor V Leiden). Stable for 4 days refrigerated. Test set up on Tuesdays.
FACTOR VIII INHIBITOR LEVEL	INH8	INHIBITOR F VIII	85335	9.0 mL blood	2 Blue Top Vac	Coagulation, RIH	<1 Bethesda Unit	Clottable	R = 1 week S = Š 3 hrs.	Critical Value : Factor VIII Inhibitor > 1.0 B.U. Patient cannot be on Heparin or Coumadin therapy. Not performed nights, holidays, weekends.
FACTOR XI INHIBITOR	INH11	INHIBITOR F XI	85335	9.0 mL blood	2 Blue Top Vac	Coagulation, RIH	< 1 Bethesda unit	Clottable	R = 1 week S = Š 3 hrs.	Critical Values : Factor IX Inhibitor > 1.0 B.U. Patient cannot be on Heparin or Coumadin therapy. Not performed nights, holidays, or weekends.
FDP FIBRIN DEGRADATION PRODUCTS	FSP	FDP 2	85362	4.5 mL blood	Blue Top Vac	Coagulation,	<5	Latex Agglutination	R = < 4 hrs. S = 1 hr.	
FEBRILE		SALMONELLA				Reference Lab				Industry Colmonally Typhi H 9 O
AGGLUTINATION PANEL FECAL FAT QUANTITATIVE	SALAB SFAT7	ANTIBODY  FECAL FAT 72HR SO	86768 82715	5 mL blood  72 hr stool collection	Pre-weighed plastic container	(Quest)  Reference Lab (Quest)	See Report	Agglutination	R = 3-5 days R = set up on Wed, but must be received by Mon.	Includes: Salmonella Typhi H & O.  Sent out. Obtain weighed container from Laboratory. Keep specimen refrigerated. Sample must be frozen upon receipt in Lab.
FECAL FAT STAIN	FATST	FECAL FAT STAIN	82705	Random Stool	Sterile leakproof container	Reference Lab (Quest)	See Report	Colorimetric	R = 2 -4 days	Sent out.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
										Samples in preservatives, transport
										media or swabs are unacceptable.
FECAL HELICOBACTER PYLORI ANTIGEN	SHELI	HELICOBACTER FECAL	87338	Charl	Sterile Leakproof	Reference Lab (Quest)	Net Detected	EIA	R = 3-6 days	Laboratory will send sample frozen to Reference Lab.
FECAL LEUKOCYTES/	SHELI	Stool Fecal Leucocyte	87338	Stool	Leakproor	(Quest)	Not Detected	EIA	R = 3-6 days R = 4 hrs	Reference Lab.
WBC	FECAL	Stain	87205	Stool	Leakproof	Hematology	No WBC	Gram Stain	S = 1 hr	
FEP -	1 LOAL	Otam	07200	1 mL blood	Loanproor	ricinatology	NO WEO	Ordin Otdin	0 - 1 111	
FREE ERYTHROCYTE				Whole Blood		Toxicology,			R = M-Sat	Test may be performed on same blood
PROTOPORPHYRIN	PBFEP	LEAD and FEP	84202	Required	Green Top Vac	RIH	0-35 ug/dL	Hematofluorometry	S = 1 hr.	collected for lead level.
					Red Top with	Chemistry,	Male: 22-322 ng/mL			
FERRITIN	FER	FERRITIN	82728	4 mL blood	Gel (Gold)	Core	Female: 10-120 ng/mL	Chemiluminescence	R = M - S	
FETAL LING MATURITY		55T41 11110					GT/ = 55 Mature	_		
TEST	FLMT	FETAL LUNG MATURITY TEST	00004	Carl Disast	Dad Tan \/aa	Chaminto NIII	40 - 54 Intermediate	Fluorescence	D 4 h ==	News and I learning and the
NEWPORT HOSPITAL FIBRIN DEGRADATION	FLIVII	MATURITY TEST	83661	5 mL Blood	Red Top Vac	Chemistry, NH Coagulation,	LT/ = 39 Immature	Polarization	R = 4 hrs. R = < 4 hrs.	Newport Hospital only
PRODUCTS (FDP)	FSP	FDP 2	85362	4.5 mL blood	Blue Top Vac	TMH	<5	Latex Agglutination	S = 1 hr.	
	. 0.		00002		Dido rop vao	Coagulation,		zatox / tggratiration	R = < 4 hrs.	
FIBRIN SPLIT PRODUCTS	FSP	FDP 2	85362	4.5 mL blood	Blue Top Vac	TMH	<5	Latex agglutination	S = 1 hr.	
										Critical Values : First
					1				R = < 4 hrs.	Incidence of Fibrinogen <
FIBRINOGEN	FIBR	FIBRINOGEN	85384	2.7 mL blood	Blue Top Vac	Coagulation	150-480 mg/dL	Clottable	S = 1 hr.	100 mg/dL
				5mL blood	l	L		Chemiluminescent		
FIGURE (Towns)	T104	T4.000.01.00	20107	Whole Blood	Lavender Top	Toxicology,	Therapeutic Range:	Microparticle	R= M-Sat.	O. II T
FK506 (Tacrolimus)	TAC1	TACROLIMUS2	80197	Required	Vac	RIH	5 - 20 ng/mL	, , ,	S= 2 hrs	Call Toxi @ 444-5858 to arrange Stat
FLECAINIDE						Toxicology,	Therapeutic range:	High Performance Liquid	R = Weekly	
(TAMBOCOR)	FLEC	FLECAINIDE LEVEL	82491	5 mL blood	Red Top Vac	RIH	200-l000 ng/mL	Chromatography	S = 8 hrs.	Toxic: >1000 ng/mL
(								High Performance		
FLEXERIL		CYCLOBENZAPRINE				Toxicology,	Therapeutic range:		R = Tu & F	
(Cyclobenzaprine)	CYBNZ	LEVEL	82491	5 mL blood	Red Top Vac	RIH	3-36 ng/mL.	Chromatography	S = 8  hrs.	Toxic: >50 ng/mL
										Samples can only be collected
					Lavender Top					Monday - Thursday from Outreach
FLOW CYTOMETRY				3 mL Whole Blood		Special				clients. For Inpatients samples must
Hemic Cell Surface			00400	/ Bone Marrow /	Tissue Sterile in Saline	Hematology, RIH		MonoClonal Antibodies	D 40 h	be drawn no later than 9 AM, if collected on a Friday.
Markers			88180	Tissue	Saime	КІП		WonoCional Antibodies	R = 48 N/S.	collected on a Friday.
										Specimen must be received in Special
										Hematology by Noon, Monday through
FLOW CYTOMETRY						Special				Friday for Inpatients. Outreach
Granulocyte Associated				2 - 7 mL Whole	Lavender Top	Hematology,			R = 24 hrs. M	
Antibody			88180	Blood	Vac	RIH	Negative	Flow Cytometry	Th only	- Thursday.
FLOW CYTOMETRY						Special				
Hereditary Spherocytosis				3 mL Whole Blood		Hematology,		Flow Cytometry - Eosin-		Specimen must be received in Special
Screen			88180	ON ICE	Vac	RIH		5-malemide	R = 24 hrs.	Hematology on ice, or will be rejected.
										Boom Tomporature. They must be
					1					Room Temperature. They must be received at RIH Special Hematology
						Special				Lab Monday - Thursday 7 AM to 4:30
FLOW CYTOMETRY					Lavender Top	Hematology,				PM or by Noon on Fridays. Friday
PNH Screen			88180	3 mL Whole Blood		RIH		Flow Cytometry	R = 24 hrs.	availability is not open to Outreach.
FLUCYTOSINE						Reference Lab				Toxic: > 125 μg/mL
(5-Fluorocytosine)	FLUCY	FLUCYTOSINE LEVEL	82491	3 mL blood	Red Top Vac	(Quest)	25-100 μg/mL	HPLC	R = 5-7 days	Sent out.
FLUID Cell Block						1				See Surgical Pathology Section.
FLUID Cell Count					ļ				R & S = 1 hr.	Transport to Urinalysis Lab.
FLUID Chemistries FLUID Tumor Cells					<del>                                     </del>	Cutology		<u> </u>		Transport to Chemistry Lab.
I LOID TUITIOF CHIS					<del>                                     </del>	Cytology		-	-	See Cytology Section.
FLUORESCENT					ĺ	Clinical		Indirect		
TREPONEMAL ANTIBODY					Red Top with	Immunology,			R = once a	
(FTA)	FTA	FTA ABS SERUM	86781	3 mL blood	Gel (Gold)	Core	Non-reactive	(IFA)	week	Test is performed if RPR is reactive.
					<u> </u>			High Performance		
FLUNITRAZEPAM						Toxicology,	Theraputic Range:	Liquid		
(Rohypnol)	FLUNI	FLUNITRAZEPAM	80154	10 mL Blood	Red Top Vac	RIH	10.0 - 52.0 ng/mL	Chromatography	R = Weekly	Toxic = >100 ng/mL

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
							Therapeutic range: The total of Fluoxetine and	High Performance		Toxic: Total >2000 ng/mL
		FLUOXETINE AND				Toxicology,	Norfluoxetine: 300 - 1150		R = Tu & F	Norfluoxetine is performed on all
FLUOXETINE (Prozac)	FLUOX	NORFLUOX	82491	10 mL blood	Red Top Vac	RIH	ng/mL	Chromatography	S = 8 hrs.	requests.
							Therapeutic range: Flurazepam: 5-30 ng/mL Desalkyl Flurazepam: 30-150 ng/mL Theraputic			Toxic: Flurazepam > 500 ng/mL Desalkyl Flurazepam >500 ng/mL
FLURAZEPAM (Dalmane)	FLRAZ	FLURAZEPAM AND DESALKYLF	80154	10 mL blood	Red Top Vac	Toxicology, RIH	range of total 35 - 180 ng/mL	Liquid	R = Weekly S = 8 hrs.	Desalkyl flurazepam is performed on all requests.
FOLATE (RBC)	FOLRB	FOLATE RBC	82747	3 mL blood Whole Blood Required	Lavender Top	Chemistry,	130 - 1000 ng/mL	Chemiluminescence	R = M-Sat	Once sample has been received by lab, it should be frozen if it will not be performed on the same day the lab receives it.
- ( - ,	-				Red Top with	Chemistry,				
FOLATE (Serum)	FOLAT	FOLATE SERUM	82746	5 mL blood	Gel (Gold)	Core	2.6 - 20.0 ng/mL	Chemiluminescence	R = M-Sat	
FRANCISELLA TULARENSIS ANTIBODY	TULAR	TULAREMIA ANTIBODY	86000	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report			
FREE CORTISOL (Serum)	FCORT	FREE CORTISOL								See Cortisol, Free
FREE DILANTIN See Comments	FDIL	FREE DILANTIN and DILANTIN	80185 80186	4 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 1.0-2.0 ug/mL	Floresence Polarization Immunoassay (FPIA)	R = M-Sat S = 2 hrs.	Free Dilantin Toxic: >2.5 µg/mL A total dilantin is also performed on all requests.
FREE FATTY ACIDS	FFA	FREE FATTY ACIDS	82725	5 mL blood ON ICE	Red Top Vac	Reference Lab (Quest)	See Report		R = 5-7 days	Centrifuge immediately upon receipt and freeze serum. Only stable for 1 hour at room temp or refrigerated temp.
FREE INSULIN	INSUL	INSULIN FREE BIOACTIVE	83527	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	PEG Precipitation, RIA	R - 3-5 days	Sent out.
FREE PSA	PSAF	PSA FREE	84153 84154	5 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report	RIA	R = Next day M-F	Sent out. Both a total and free PSA will be performed with the ordering of this assay. Freeze serum immediately after centrifugation. If sample is from Outreach, it must be transported on ice after centrifugation.
FREE T4 by Equilibrium Dialysis	T4DIA	FREE T4 BY DIALYSIS and TOT T4	84436 84439	5 mL blood	Red Top with Gel (Gold)	Reference Lab (Esoterix)	See Report	Direct Dialysis	R = 3-5 days	
FREE T3	FT3	FREE T3	84481	5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	230-420 pg/dL	Chemiluinesence	R = M-Sat	
					Red Top with	Chemistry,				
FREE T4	FT4	FREE T4	84439	4 mL blood	Gel (Gold)	Core	0.8 - 1.8 ng/dL	Chemiluminescence	R = M - Sat	
FREE TEGRETOL See Comments	FTEG	FREE TEG and TOTAL TEG	80156 80156	5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 1.0-3.2 ug/mL	Floresence Polarization Immunoassay (FPIA)	R = M-Sat S = 2 hrs.	Toxic: > 3.2 ug/mL A total Tegretol is performed and chaged on all requests for Free Tegretol.
FREE TESTOSTERONE	BAV1 or FTST1	Bioavailable and Free Testost	84403 84270 82040	7 mL blood	Red Top with Gel (Gold) and Green Top with Gel (Mint)	Chemistry, Core	See Report	Chemiluminesence	R = M - F	The group includes Bioavailable Testosterone (calculated), Total Testosterone, Sex Hormone Binding Globulin, Free Testosterone (calculated) and an Albumin.  Toxic: >20 ug/mL A
FREE VALPROIC ACID See Comments FROZEN SECTION	FVPA	FREE VALPROIC and TOTAL VAL	80164 80164	5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 5-20 ug/mL	Floresence Polarization Immunoassay (FPIA)	R = M-Sat S = 2 hrs.	total Valproic Acid is performed and charged on all requests for a Free Valproic Acid.
FROZEN SECTION					1	Reference Lab				See Histopathology Section.
FRUCTOSAMINE	FRUCT	FRUCTOSAMINE	82985	3 mL blood	Red Top Vac	(Quest)	See Report	Colorimetric	R = MWF	

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
TEOT MAINE	IVANIL	ONO ORDER MAME	or r code	OI EOIMEIN	CONTAINER	LAD	Male: mIU/mL = (13-70yr)	METHOD	iiiie	COMMENTO
							1.4-18.1			
							Female: mIU/mL =			
							Follic: 2.5-10.2			
							Midcycle: 3.4-33.4 Luteal: 1.5-9.1			
FSH*							Postmenopausal:23.0-			
Follicular Stimulating		FSH FOLLICULAR			Red Top with	Chemistry,	116.0			
Hormone	FSH	STIMULT HORMONE	83001	5 mL blood	Gel (Gold)	Core	Pregnant: 0.0-0.2	Chemiluminescence	R = M-Sat.	Refrigerate sample
FTA					` ′	Clinical		Indirect		
Fluorsecent Treponemal					Red Top with	Immunology,		Immunofluorescence	R = once a	
Antibody	FTA	FTA ABS SERUM	86781	3 mL blood	Gel (Gold)	Core	Non-reactive	(IFA)	week	Test is performed if RPR is reactive.
								Culture for yeast and		
5 l O . lt	OVELIN	Order by specimen	07400	Label as to	Sterile leakproof		N	mold.	R = 4 weeks	One Parker by the second
Fungal Culture	CXFUN	source	87102	anatomic site 3 mL blood	Container	Microbiology	No growth	Smear: calcoflour	S = N.A.	See listing by source.
				Whole Blood	Lavender Top	Reference Lab				
G6PD Quantitative	G6PD	G6PD	82960	Required	Vac	(Quest)	See Report		R = 3-4 days	
GABAPENTIN					Lavender Top	Reference Lab				
(NEURONTIN)	NEUR	NEURONTIN LEVEL	82491	5 mL blood	Vac	(Quest)	See Report	HPLC	R = 5-7 days	Sent out.
GAD Antibodies						<u></u>				Test should be used for investigational
(GLUTAMIC ACID					Red Top with	Reference Lab			L	purposes only. Once centrifuges,
DECARBOXYLASE)	GAD	GAD AB	83519	5 mL blood	Gel (Gold)	(Quest)	See Report	RIA	R = Wed.	serum must be refrigerated.
					Green Top Vac					
				5 mL blood Na	with Sodium	Reference Lab				Special Tube and Handling: Must be
GALACTOKINASE	GALAC	GALACTOKINASE		Heparin Tube	Heparin	(Mayo)	See Report		R= 5-7 days	collected in a Sodium Heparin Tube
GALACTOMANNAN		ASPERGILLUS AG EIA				Reference Lab				
(Aspergillus antigen)	ASPEI	SERUM	87305	5 mL blood	Red Top Vac	(Quest)	See Report	Enzyme Immunoassay	R= 5-7 days	
										Please call Sendouts to schedule at
										34813 for TMH and 46112 for RIH.
					Green Top Vac					Special Tube and Handling: Must be
GALACTOSE-1-		GALACTOSE 1		5 mL blood Na	with Sodium	Reference Lab				collected in a Sodium Heparin Tube and cells must be washed prior to
PHOSPHATE	GALA	PHOSPHATE	84738	Heparin Tube	Heparin	(Mayo) via Quest	See Report		R = 5-7 days	shipping.
GALACTOSE-1-	OALA	THOSITIATE	04730	riepailii rube	Lavender Top	Quest	оее кероп		11 = 5-7 days	Simpping.
PHOSPHATE URIDYL					Vac Whole	Reference Lab				
PHENO	GALPH	GALACTOSE PHENO	82775	5 mL blood	Blood	(Mayo)	See Report		R= 5-7 days	
GALACTOSE-1-					Lavender Top					
PHOSPHATE URIDYL		04/407005/19/9/			Vac Whole	Reference Lab				
TRANSFERASE, RBC	GALU	GALACTOSE URIDY	82775	5 mL blood	Blood	(Mayo)	See Report		R= 5-7 days	
GAMMA-HDROXY-					Clean Plastic					
BUTYRIC ACID URINE					(100 mL) Urine	Toxicology,	Normal Range: None	Gas Chromatography /		
SCREEN (GBH)	GBH	GBH	82541	Random Urine	Container	RIH	Detected None	Mass Spectrometry	R = Weekly	
. ,					Red Top with	Reference Lab				
GASTRIN	GASTR	GASTRIN	82941	5 mL blood	Gel (Gold)	(Quest)	See Report	Immunoassay	R = 2-3 days	Freeze serum after processing.
									L	
Genital Fungal Culture	07.5.10	GENITAL FUNGAL	87102	Cervical, vaginal, or			Manager	Culture for yeast.	R= 1 week	Culture only recommended for
and smear	CXFUS	CULT AND SMR GENITAL GROUP A	87206	Urethral swab.	Swab	Microbiology	Negative	Smear: calcoflour	S= N.A.	refractory Candidiasis
Genital Group A Strep Screen	CXGAG	STREP SCREEN	87081	Genital swab	Copan Double Swab	Microbiology	Negative	Screen for Group A Strep	R = 48HRS S = N/A	
OGIOGII	CAGAG	GINLF SUNLEN	07001	Ocimai Swab	Owan	wiiciobiology	Ivegative	Ottob	0 = 1WA	Submission of BOTH rectal and
						1				vaginal swab specimens increases
						1				ability to detect Group B Strep
						1				colonization in females. It is
Genital Group B Strep		GENITAL GROUP B		Cervical, vaginal, or		1		R/O Beta hemolytic	R= 48 hrs	recommended to test pregnant
Screen	CXGRB	STREP SCRN	87081	Urethral swab.	Swab	Microbiology	Negative	Strep Group B	S= N/A	females 35-37 weeks gestation.
CENITAL MYCODI ACMA			87109	Cervical Swab		Defense as 1 -1		Charadard authors		M
GENITAL MYCOPLASMA CULTURE	MYCO	not orderable	87076 87081	Vaginal swab Urethral swab.	Culturette	Reference Lab	Negative	Standard culture method		Mycoplasma hominis, ureaplasma and urealyticum
COLIURE	IVITCO	noi orderable	0/001	OTERITAL SWAD.	Culturette	(Quest)	Negative	memou		At RIH, UTM supplied by Central 444-
										6107 At TMH,
GENITAL VESICLE		GENITAL VESICLE		Genital Vesicle	Copan swab	1				UTM supplied by Microbiology 793-
CULTURE HSV	CXVES	CULT for HSV	87252	scraping	placed into UTM	Virology, RIH	Negative	Cell Culture for Herpes	R = 1 week	4235
				· ·		57,				

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
TEST WAWE	NAME	SWS ORDER NAME	CF1 Code	SPECIMEN	CONTAINER	LAD	REFERENCE RANGE	WEIROD	time	Critical: Pre >5 ug/mL Post
										>12 ug/mL Random >12
										ug/mL (First incidence only) Draw blood prior to
										antibiotic dose. Label "pre". Draw a
	GENPR	GENT PRE								second sample 40-60 min. after IV
GENTAMYCIN LEVEL	GENPO GENRA	GENT POST GENT RANDOM	80170	5 mL blood	Green Top Vac with Gel (Mint)	Chemistry	1-2 ug/mL (Gent-Pre) 5-10 ug/mL (Gent-Post)	PETINIA	R = Daily	administration of antibiotic is finished.  Label post.
GENTANTON LEVEL	OLIVICA	OLIVI TANDOM	00170	5 IIIE Blood	with Ger (Willit)	Chemistry	3-10 dg/IIIL (Gent-1 dat)	LINA	IX = Daily	Label post.
										See Rubella Immunity Screen IgG or
GERMAN MEASLES GGTP										Rubella IgM as the case warrants
Gamma Glutamyl					Green Top Vac					Test cannot be performed on
Transpeptidase	GGTP	GGTP	82977	4 mL blood	with Gel (Mint)	Chemistry	10-70 IU/L	P-Nitroanaline	R = Daily	hemolyzed serum
GI TRACT TUMOR CELLS						Cytology				See Cytology Section.
GLIADIN						Clinical				
( See Anti-Gliadin IgG and					Red Top with	Immunology,				
IgA Ab)				5 mL blood	Gel (Gold) Lavender Top	Core Reference Lab				See Anti-Gliadin IgG and IgA Ab
GLUCAGON	GLC1	GLUCAGON PLASMA	82943	5 mL blood	Vac	(Quest)	See Report	Extraction, RIA	R = 3-5 days	Overnight Fasting Required. Sent out.
										Critical Values: Glucose > 400 mg/dL Glucose
										< 55 mg/dL
										If FBS requested patient must fast 8
					O T 1/		Forth a continued		D 41	hours prior to testing. Sample must
GLUCOSE	GLU	GLUCOSE	82947	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Fasting or timed: 67-99 mg/dL	Hexokinase	R = 4  hrs. S = 1  hr.	be spun and separated from cells within 3 hours of collection.
GLUCOSE 2 hr Post		GLUCOSE 2HR POST			Green Top Vac		5. 55 mg, 22		R = 4 hrs.	
Prandial	GL2PP	PRANDIAL	82947	4 mL blood	with Gel (Mint)	Chemistry		Glucose Oxidase	S = 1 hr.	
GLUCOSE CHALLENGE OB 60 Minute		GLUCOSE			Green Top Vac				S = 1hour	1 Hour Challenge for Gestational
Challenge	GLCH	CHALLENGE OB	82951	5 mL Blood	with Gel (Mint)	Chemistry	<130 mg/dL	Glucose Oxidase	R = 4 hours	Diabetes
GLUCOSE Tolerance										Inclues Fasting, 60 minute, 120 minute and 180 minute collection.
3 Hour OB			82951	5 mL Blood per	Green Top Vac					Code 82952 used for samples beyond
Caring for Women	GL3O1	3HR OB TOLERANCE	82952*	draw	with Gel (Mint)	Chemistry	See Report	Glucose Oxidase		3.
										If performed at RIH, must be booked
										with Lab 444-2771. In the
GLUCOSE Tolerance 2		0110 0111 701 11011		5 of Bloods	O T 1/					Outpatient setting, call 34242 for
Hour for Males and Non Pregnant Females	GL2N1	2HR GLU TOL NON PREGNANT	82951	5 mL Blood per draw	Green Top Vac with Gel (Mint)	Chemistry	See Report	Glucose Oxidase		ordering instructions. This includes a Fasting and a 120 minute collection.
		2	1			,	-1			
GLUTAMIC ACID DECARBOXYLASE AB					Pod Top with	Potoronas I				Test should be used for investigational
(GAD)	GAD	GAD AB	83519	5 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report	RIA	R = Wed.	purposes only. Once centrifuges, serum must be refrigerated.
					Sterile plastic	Chemistry,				
GLUTAMINE LEVEL (CSF)	CGLT	CSF GLUTAMINE	82965	CSF	CSF Tube	NEMC Reference Lab	See Report		R= 2-3 days	
GLUTETHIMIDE (Doriden)	DOR	DORIDEN LEVEL	82980	5 mL blood	Red Top Vac	(Quest)	See Report		R = 5-7 days	
011/01/15	01	0/1/0//				Chemistry,	Normal values are age			
GLYCINE	GLYC	GLYCINE LEVEL	82131	3 mL blood	Lav Top Vac	NEMC	dependent.		R = 2-4 days	Freeze Plasma Glycohemoglobin should only be
					1	Reference Lab				ordered when the pateint is known to
GLYCOHEMOGLOBIN	GLYCO	not orderable	83036	5 mL blood	Lav Top Vac	(Quest)	See Report	HPLC	R = 2-4 days	have a Hemoglobin Variant.
GLYCOSYLATED ALBUMIN										See Fructosamine
		GANGLIOSIDE GM1			1	Reference Lab				
GM1 AB	GM1A	ANTIBODY	83520x2	5 mL Blood	Red Top Vac	(Quest)	See Report		R = 7 days	Includes IgG & IgM
GRANULOCYTE					Lavender Top	Special Hematology,			R = 24 hrs. M	Specimen must be received in Special Hematology by 2 PM, Monday through
ASSOCIATE ANTIBODY	not orderable	not orderable	88180	7 mL Blood	Vac	RIH	Negative	Flow Cytometry	Th only	Thursday only
GROWTH HORMONE										
(Human Growth Hormone)					1					See Human Growth Hormone (HGH)
					1	1		•		The state of the s

TEST NAME								1	Turnaround	
	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
H PYLORI UREA BREATH							Negative = Normal			Newport Hospital Only, unless
TEST Newport Hospital		HELICOBACT H					Positive = H.P. bacteria			specified.
Only	HPUB	PYLORI BREATH	83013				likely present	IFR	Call Lab	Air bags stable for 7 days
					Red Top with					
H. PYLORI IGA	HELIA	HELICOBACT IGA		5 ml blood	Gel (Gold)					
						Clinical				Negative : 0-20 Units
					Red Top with	Immunology,			R= twice per	Equivocal: 20.1-24.9
H. PYLORI IGG	HELI	HELICOBACT IGG	86677	5 ml blood	Gel (Gold)	Core	Negative	EIA	week	Positive: ≥ 25
LL DV4 ODL 1014	1151114	UEU0004071014	00077	E	D. 1 T 1/	Reference Lab	00		D 0 4 1	
H. PYLORI IGM	HELI M	HELICOBACT IGM	86677	5 ml blood	Red Top Vac	(Quest)	See Report	Immunoassay	R= 3-4 days	
HAEMOPHILUS DUCREYI				See Comments						Culture not recommended. Call Dr. Bandy for Collection Requirements @ 222-5600. Specimens sent to RI DOH, who then forward to CDC for PCR.
HAEMOPHILUS										
INFLUENZA TYPE B AB					Red Top with	Reference Lab				
(HIB TITERS)	not orderable	not orderable	86684	5 ml blood	Gel (Gold)	(Quest)	See Report	EIA		
HALOPERIDOL (HALDOL)	HALD1	HALDOL HALOPERIDOL	82491	5 mL blood	Red Top (*wrap in foil to protect from light)	Reference Lab	5-15 ng/mL	High Performance Liquid Chromatography	R = 3-5 days	Toxic: > 50 Protect from light. Sent
HAM Test	HALDI	HALUPERIDUL	02491	5 IIIL DIOOG	from light)	(Quest)	5-15 fig/filL	Ciromatography	K = 3-5 days	No longer performed.
Screening										See CD59
Screening						Clinical				066 0000
					Red Top with	Immunology,				Hemolyzed specimens are
HAPTOGLOBIN	HAPT	HAPTOGLOBIN	83010	5 mL blood	Gel (Gold)	Core	13-163 mg/dL	Nephelometry	R = M - F	unacceptable.
					(3.3.7)	Clinical	J. 1			
		HEPATITIS C			Red Top with	Immunology,				Measures IgG. IgM measurement is not
HCV Antibody	HCV	ANTIBODY	86803	3 mL blood	Gel (Gold)	Core	Non-reactive	Chemiluminesence	R = M - F	available.
HCV GENOTYPING	HCVG	HCV GENOTYPING	86890 83894 83912 83892 x2	6 mL blood	Lavender Top vac* or Pearl Top Vac (PPT)	Molecular Microbiology Coro	See Report	Lipa 2.0 assay	R = Weekly	If lavender top is used, sample must be spun within 4 hrs of collection. *  Outreach clients may substitute PPT tubes for the lavender tubes to increase stability after spinning.*  Requires a minimum Viral Load of 615 IU/mL to obtain a genotype.
HCV QUALITATIVE	HCVQL	HCV QUALITATIVE	87521	5 mL blood	Lavender Top Vac* or Pearl Top Vac (PPT)	Molecular Microbiology Coro	Non-reactive	Transcription mediated amplification TMA	Weekly	If lavender top is used, the sample must be spun within 4 hours of collection. Separate and freeze plasma immediately after receipt in lab. * Outreach clients may substitute PPT tubes for the lavender tubes to increase stability after spinning.  Target amplified in this method. Lower limit of sensitivity is approximately 9.61IU/mL or 50cp/mL
LICV/ Owentite/					0 1 1	Molecular			1	Consists and forces also we within 2
HCV Quantitative Viral Load	HCVLD	HCV VIRAL LOAD	87522	6 mL blood	6 mL Lavender Top Vac	Microbiology Coro	See Report	Real - Time PCR	R = 2 - 4 days	Separate and freeze plasma within 6 hours of collection in lab.
Luau	IICVLD	HOV VINAL LUAD	01322	o IIIL DIOOG	TOP VAC	0010	Oge Meholt	Polyanion detergent	1 = 2 - 4 uays	nours or conection in lab.
HDL High Density Lipoprotein	HDL	HDL	83718	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry, Core	Low: 0-40 mg/dL Desirable: >40 mg/dL	followed by Cholesterol oxidase	R = M-Sat.	
HELICOBACTER PYLORI IGA	HELIA	HELICOBACT IGA		5 ml blood	Red Top with Gel (Gold)	1			1	
I LON IGA	TILLIA	TILLICODACT IGA		5 III DIOOG	Ger (Gold)	Clinical			<del> </del>	Negative : 0-20 Units
1					Red Top with	Immunology,			R= twice per	Equivocal: 20.1-24.9
HELICOBACTER			•	l			I	1	twice per	=qu., 00a., 20., 27.0
HELICOBACTER PYLORI IGG	HELI	HELICOBACT IGG	86677	5 ml blood	Gel (Gold)	Core	Negative	EIA	week	Positive: ≥ 25
	HELI	HELICOBACT IGG	86677	5 ml blood	Gel (Gold)	Core Reference Lab	Negative	EIA	week	Positive: ≥ 25

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
HELICOBACTER PYLORI ANTIGEN FECAL	SHELI	HELICOBACTER FECAL	87338	Stool	Sterile Leakproof	Reference Lab (Quest)	Not Detected	EIA	R = 3-6 days	Samples in preservatives, transport media or swabs are unacceptable. Laboratory will send sample frozen to Reference Lab.
HEMACHROMATOSIS DNA MUTATION	НЕМОС	HEMOCHROMATOSIS DNA MUTATION	81256	5 mL blood Whole Blood Required	Lavender Top Vac		See Report		R = 5 - 10 days	Samples can only be collected  Monday - Thursday.  Sent out.  Room Temperature.
HEMATOCRIT	HCT	HEMATOCRIT	85014	3 mL blood Whole Blood Required	Lavender Top Vac	Hematology	See CBC	Automated Particle Counter	R = < 5 hrs. S = 1 hr.	Critical Values: < 21% and then again if falls to < 15%
HEMOGLOBIN	HGB	HEMOGLOBIN	85018	3 mL blood Whole Blood Required	Lavender Top Vac	Hematology	See CBC	Automated Particle Counter	R = < 5 hrs. S = 1 hr.	Critical Values: Newborn to 2 weeks -> 24 g/dL 2 weeks to 2 months -> 20 g/dL 2 months to 10 yrs -> 18 g/dL Adults -> 20 g/dL For all ages -< 7 g/dL and again if falls to < 5 g/dL
HEMOGLOBIN A1C	A1C	A1C	83036	5 mL blood Whole Blood Required	Lavender Top Vac	Chemistry	Adult: 4.3-5.8%	HPLC	R = M-F	
HEMOGLOBIN Electrophoresis	HGBEL	HEMOGLOBIN ELECT	83020 85027	3 mL blood Whole Blood Required	Lavender Top Vac	Special Hematology, RIH	Fetal Hgb: <2% (over age of 2 years). Normal A2: <3.4% Hgb A remaining hemoglobin.	Capillary Electrophoresis	R = 48-72 hrs	HGB ELEC includes CBCND. Performed on Wednesday. Depending on the results obtained, a Fetal Hemoglobin (83030), Hemoglobin A2 (83021), Sickle Cell Screen (85660), Unstable Hemoglobin (83068) or an Acid Citrate may be ordered.
HEMOGLOBIN F				3 mL blood Whole Blood	Lavender Top	Special Hematology,		Capillary		
(Quantitative)  HEMOGLOBIN Free	HBF	HEMOGLOBIN, FREE	83030	Required  5 mL blood	Vac Special Tube Mint Top Vac with Sodium	RIH  Reference Lab		Electrophoresis	R = 24 hrs	
Plasma (Quantitative) HEMOGLOBIN S (Quantitative)	HGBFR HBS	PLASMA HEMOGLOBIN S QUAN	83051 82491	3 mL blood Whole Blood Required	Heparin Lavender Top Vac	(Quest) Special Hematology, RIH		Capillary Electrophoresis	R = 24 hrs.	
HEMOGLOBIN Urine Screen See Comments for Reflexive Rule	UHGB	U HEMOGLOBIN	83069	Random specimen	Urine Specimen Container	Urinalysis	Negative	Centrifuge BMD CUA		If U Hgb is positive, a Microscopic Urinalysis (CPT 81001) is performed.
Hemogram	CBCND	CBC NO DIFF w PLT								See CBC no Differential
HEMOSIDERIN	UHEMO	U HEMOSIDERIN	83070	Random Specimen	Urine Specimen container	Urinalysis, RIH	Negative	Rous Test Prussian Blue		
HEPARIN INDUCED THROMBOCYTOPENIC ANTIBODY (PF4)	НІТА	HEPARIN ANTIBODY	86022	5 mL Blood	White Top Vac (no gel)	Special Coagulation, RIH	Negative	ELISA	R = M-F S=See Comments	Samples must be received at RIH by 11 AM to be performed that day. Results will be available by 4 PM. Can be performed on holidays and weekends by special arrangement. Call Coagulation Lab at 444-5560 to book. Patient must be off heparin for at least 4 hours prior to blood collection. Reflexive Rule: If positive, an ELISA IgG-HIT will be performed and billed.
HEPARIN INDUCED THROMBOCYTOPENIC ANTIBODY IgG Specific	GHITA	not orderable	86022	5 mL Blood	White Top Vac (no gel)	Special Coagulation, RIH	Negative	ELISA	R = M-F	Samples must be received at RIH by 11 AM to be performed that day. Results will be available by 4 PM. Patient must be off heparin for at least 4 hours prior to blood collection.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB Clinical	REFERENCE RANGE	METHOD	Time	COMMENTS
HEPATITIS A IgM					Red Top with	Immunology,			R = M - F	
See Comments	HAVM	HEPATITIS A IGM	86709	3 mL blood	Gel (Gold)	Core	Non-reactive	Chemiluminesence	S = 4 hrs.	If results are equivocal; suggest redraw.
		LIEDATITIOA				Clinical				
HEPATITIS A VIRUS (Total Ab : IgM & IgG)	HAVT	HEPATITIS A ANTIBODY	86708	3 mL blood	Red Top with Gel (Gold)	Immunology, Core	Non-reactive	Chemiluminesence	R = M - F S = 4 hrs.	
(Total Ab . Igivi & IgO)	TIAVI	ANTIBODT	00700	5 IIIE BIOOG	Ger (Gold)	Clinical	14011-1eactive	Crieffillaffilleserice	0 = 41113.	
HEPATITIS B CORE Total		HEPATITIS B CORE			Red Top with	Immunology,				
Antibody	HBCT	ANTIBODY	86704	3 mL blood	Gel (Gold)	Core	Non-reactive	Chemiluminesence	R = M - F	
HEPATITIS B CORE Total Antibody Organ Donor										This test code is for Organ Donor
Only See		ORGAN DONOR				Reference Lab				specimens only (Renal, Bone Marrow,
Comments	DHEBC	HEPATITIS B CORE AB	86704	3 mL blood	Red Top Vac	(Quest)	See Report	Enzyme Immunoassay	R = 2-3 days	Stem Cell, Sperm etc.)
HEPATITIS B CORE IgM		HEPATITIS B CORE			D. 1.T	Clinical				
Antibody See Comments	HBCM	IGM	86705	3 mL blood	Red Top with Gel (Gold)	Immunology, Core	Non-reactive	Chemiluminesence	R = M-F	If results are equivocal; suggest redraw.
occ comments	TIBOW	TOW	00700	O THE BIOCC	CCI (CCIU)	0010	TVOIT TOUGHTO	Cricinianiinesenee	10 - 101 1	ii results are equivocal, suggest realaw.
				6 mL whole blood		Molecular				
LIEDATITIC DAVIDAL LOAD	LIDV/LD	HEPATITIS B VIRAL	07547	Pedi: 3 mL whole	Lavender Top	Microbiology,	Can Daniel	Deal Time DCD	R = Weekly	Separate and freeze plasma within 6
HEPATITIS B VIRAL LOAD	HBVLD	LOAD	87517	blood	Vac	Coro Clinical	See Report	Real Time PCR	on Tuesday	hours of collection.
HEPATITIS Be AB					Red Top with	Immunology,			R = once per	
ANTI-HBe	HBEAB	HEPATITIS BE AB	86707	3 mL blood	Gel (Gold)	Core	Negative	Enzyme Immunoassay	week	
						Clinical				
HEPATITIS Be ANTIGEN	HBEAG	HEPATITIS BE AG	87350	3 mL blood	Red Top with Gel (Gold)	Immunology, Core	Negative	Enzyme Immunoassay	R = once per week	
HEPATITIS Bs AG	TIBETO	ORGAN DONOR	01000	o IIIE biood	CCI (CCIC)	COIC	regulive	Liizyiiic iiiiiidiidasay	WOOK	This test code is for Organ Donor
Organ Donor Only		HEPATITIS BS AG AND				Reference Lab				specimens only (Renal, Bone Marrow,
See Comments	DHEPB	CON	87340	3 mL blood	Red Top Vac	(Quest)	See Report	Enzyme Immunoassay	R = 2-3 days	Stem Cell, Sperm etc.)
						Clinical	<10.0 mIU/mL Non immumne			
		HEPATITIS B			Red Top with	Immunology,	10.0 mIU/mL or greater			Results >10 mIU/mL suggest protective
HEPATITIS Bs Antibody	HBSAB	SURFACE ANTIBODY	86706	3 mL blood	Gel (Gold)	Core	Suggests immunity	Chemiluminesence	R = M - F	immunity to HBV infection.
		LIEDATITIO				Clinical				Positive results with an Index between
HEPATITIS Bs Antigen	HBSAG	HEPATITIS B SURFACE ANTIGEN	87340	3 mL blood	Red Top with Gel (Gold)	Immunology, Core	Non-reactive	Chemiluminesence	R = M -F	1.0 and 50.0 are confirmed by a neutralization assay.
Hepatitis C Ab (HCV)	TIBONO	ORGAN DONOR	01040	o me blood	CCI (CCIU)	COIC	THOIT TOUGHTO	Cricinianiinesenee	1 1	This test code is for Organ Donor
Organ Donor Only		HEPATITIS C AB AND				Reference Lab				specimens only (Renal, Bone Marrow,
See Comments	DHEPC	CON	86803	3 mL blood	Red Top Vac	(Quest)	See Report	Enzyme Immunoassay	R = 2-3 days	Stem Cell, Sperm etc.)
		HEPATITIS C				Clinical Immunology,				Measures IgG. IgM measurement is not
HEPATITIS C Antibody	HCV	ANTIBODY	86803	3 mL blood	Red Top Vac	Core	Non-reactive	Chemiluminesence	R = M - F	available.
·										
										If lavender top is used, the sample
										must be spun within 4 hours of collection. Separate and
										freeze plasma immediately after receipt
										in lab. * Outreach
										clients may substitute PPT tubes for
										the lavender tubes to increase stability after spinning.
					Lavender Top	Molecular				Target amplified in this method. Lower
HEPATITIS C					Vac* or Pearl	Microbiology,		Transcription mediated		limit of sensitivity is approximately
QUALITATIVE	HCVQL	HCV QUALITATIVE	87521	5 mL blood	Top Vac (PPT)	Coro	Non-reactive	amplification TMA	R = Weekly	9.61IU/mL or 50cp/mL
Hepatitis C Quantitative					6 mL Lavender	Molecular Microbiology,				Separate and freeze plasma within 6
Viral Load	HCVLD	HCV VIRAL LOAD	87522	6 mL blood	Top Vac	Coro	See Report	Real - Time PCR	R = 2 - 4 days	hours of collection in lab.
										If lavender top is used, sample must be spun within 4 hrs of collection. *
					1					Outreach clients may substitute PPT
			86890		1					tubes for the lavender tubes to
			83894		Lavender Top	Molecular				increase stability after spinning.*
HEPATITIS C VIRAL GENOTYPING	HCVG	HCV GENOTYPING	83912	6 ml blocd	vac* or Pearl	Microbiology,	Soo Poport	Lipa 2.0 assav		Requires a minimum Viral Load of 615
GENUTYPING	HUVG	HUV GENUTYPING	83892 X2	6 mL blood	Top Vac (PPT)	Coro	See Report	Lipa 2.0 assay	Weekly	IU/mL to obtain a genotype.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
HEPATITIS DELTA		ONIO ORDER IONIC	Oi i oouc	OI LOIMEIT	CONTRACTO	Reference Lab	REFERENCE HAROL	III TIIOD	Time	JOHN LITTO
ANTIBODY ANTI-DELTA	HEPD	HEPATITIS DELTA AB	86692	5 mL blood	Red Top Vac	(Quest)	Negative	EIA	R = 3-5 days	Sent out.
			86709							
			87340			Clinical				
HEPATITIS PANEL, ACUTE	ACHEP	ACUTE HEP PANEL	86803 86705	5 mL Blood	Red Top Vac	Immunology,	See Indiviual Analytes	See Individual Analytes	ь м г	Group contains HAAb IgM, HBcAb IgM, HBsAq, Hep C Ab.
ACUTE	ACHEP	ACUTE HEP PANEL	86705	5 IIIL B1000	Red Top Vac	Core	See individal Analytes	See individual Analytes	R = IVI - F	Test performed M - F. Performed same
Herpes PCR, CSF	CHSVP	CSF HSV 1 and 2 PCR	87529	0.5 mL CSF	CSF Tube	Virology, RIH	Negative	PCR	R = 1-2 days	day if received before 11 AM.
,,						Clinical			=,.	Negative : <0.90 Units
HERPES SIMPLEX 1 IgG					Red Top with	Immunology,	HSV 1 lgG		R = once a	Equivocal: 0.91-1.09
Antibody Titers	HSV1G	HSV 1 IGG HERPES	86695	3 mL blood	Gel (Gold)	Core	Index Value < 0.9	EIA	week	Positive: ≥ 1.10
LIEDDEO OIMBLEVOLO					D. 1.T	Clinical	1101/41-0			Negative : <0.90 Units
HERPES SIMPLEX 2 IgG Antibody Titers	HSV2G	HSV 2 IGG HERPES	86696	3 mL blood	Red Top with Gel (Gold)	Immunology, Core	HSV 1 IgG Index Value <0.9	EIA	R = once a week	Equivocal: 0.91-1.09 Positive: ≥ 1.10
HERPES SIMPLEX 1 2	113 12 G	HSV 1 2 IGM SCRN	00090	3 IIIL blood	Red Top with	Reference Lab	index value <0.5	LIA	week	FOSILIVE. 2 1.10
IGM Antibody Titers	HSV12	Herpes Titer	86694	3 mL blood	Gel (Gold)	(Quest)	See Report		R = 7 days	
HERPES SIMPLEX 6		,			) í	,	·		Ź	
ANTIBODY TITERS (IgG					Red Top with	Reference Lab				
and IgM)	HSV6	HSV 6 IGG AND IGM	86790x2	3 mL blood	Gel (Gold)	(Quest)	See Report	Immunofluorescence		
				Canaiman from	Obtain 3 well slides from					DFHSV and DFVZV must be ordered
		VESICLE DFA HERPES		Specimen from vesicle inoculated	Virology, RIH				R = 4 hrs.	seperately. Results available same
Herpes Type 1 and 2 DFA	DFHSV	I AND II	87274	on three well slides	Lab, 4-5655	Virology, RIH	Negative	DFA	S = 2 hrs.	day, if received at RIH by 3:00 P.M. M-F
						0,7	Ü			
HFE GENE MUTATION										See Hemachromatosis Gene Mutation
HIGH DENSITY										
LIPOPROTEIN	HDL	HDL				ļ				See HDL
							Low Risk <1 mg/L			If hs-CRP is >10 mg/L, patient should be examined for sources of infection or
					Green Top with		Average Risk 1-3 mg/L			imflammation and hs-CRP tested at a
HIGH SENSITIVITY CRP	HSCRP	CARDIO CRP	86141	5 mL blood	Gel (Mint)	Chemistry	High Risk >3 mg/L	Immunoassay	R = Daily	later date.
					Clean plastic					Refrigerate sample during collection.
HISTAMINE					(2 L) urine	Reference Lab				Preservative should be added prior to
(includes 24 Hr Creatinine)			83088		container	(Quest)	See Report	RIA	R = 5-7 days	collecting sample. Sent out.
					2 Lavender Top					
				5 mL blood	Vac Spin					
				x2	immediately and					Sent out. Ship
HISTAMINE (Blood)	HISTA	HISTAMINE LEVEL	83088	ON ICE	freeze plasma.	(Quest)	See Report	RIA	R = 5-7 days	as frozen plasma
					Clean plastic	D. (				
HISTAMINE (Random)			83088	5 mL urine	(100 mL) urine container	Reference Lab (Quest)	See Report	RIA	R = 5-7 days	Sent out. Ship frozen.
THOTAWHYE (Random)			03000	5 IIIL dillie	container	(Quest)	Oce Report	INA	1 = 5-7 days	Gent out. Ship hozen.
		HISTOPLASMA		3 mL blood or 15	Red Top Vac or	Reference Lab			R = 7 - 10	
HISTOPLASMA AG	HISAG	ANTIGEN SERUM	87385	mL urine	Random Urine	(Quest)	See Report	EIA	days	
HISTOPLASMA										
CAPSULATUM	шел	LICTODI ACMA AD	06224	2 ml blood	Red Top with	Reference Lab	Can Banart		D 5.7 do::-	
ANTIBODY	HISA	HISTOPLASMA AB	86331	3 mL blood	Gel (Gold) Clean plastic	(Quest)	See Report	-	R = 5-7 days	
		URINE HISTOPLASMA			(100 mL) urine	Reference Lab				
HISTOPLASMA, URINE	UHIST	ANTIGEN	87385	10 mL urine	container	(Quest)	See Report	Immunoassay		
							·			
					1					Samples must be received at RIH by 11
					1					AM to be performed that day. Results will be available by 4 PM.
										Patient must be off heparin for at least
HITA					1	Special				4 hours prior to blood collection.
Heparin Induced					White Top Vac	Coagulation,				Reflexive Rule: If positive, an ELISA
Thrombocytopenia Ab	HITA	HEPARIN ANTIBODY	86022	5 mL Blood	(no gel)	RIH	Negative	ELISA	R = M-F	IgG-HIT will be performed and billed.
					1					
HIV					Lavonder Ten	1		-		See Human Immunodeficiency Virus Outreach clients may substitute PPT
					Lavender Top vac* or Pearl	Reference Lab		Reverse Transcriptase		tubes for lavender tubes to increase
HIV GENOTYPING	HIVGE	HIV GENOTYPE	87901	4 mL blood	Top Vac (PPT)	(Quest)	See Report	PCR, DNA Sequencing	R = 2 weeks	stability after spinning.
02		02.101112	0.001	<b>.</b> 2.000	1.36 100 (111)	\ ~~~~/	opo	, Coquenting	1100113	

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code 83891x3	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
			83892x2							
			83894x2							
			83898x2							
			83902 83912							
			87252x30		Lavender Top	Reference Lab				
HIV PHENOSENSE	HIVPH	HIV PHENOSENSE	87253x15	5 mL Blood	Vac	(Quest)	See Report			Sent to Monogram via Quest
HIV VIRAL LOAD PCR					6ml Lovender	Molecular Microbiology,				Congrete and fraces places within 6
(PVL)	HIVL1	HIV VIRAL LOAD PCR	87536	6 mL Blood	6mL Lavender Top Vac	Coro	See Report	Real - Time PCR	R = 2 - 4 days	Separate and freeze plasma within 6 hours of collection in lab.
HIV-2 ANTIBODY						Reference Lab			R = 10-15	
WESTERN BLOT	HIV2W	HIV 2 WB	86689	5 mL blood	Red Top Vac	(Quest)	See Report		days	Sent out.
										Call Blood Bank for Requisition and
										tubes. Draw Monday, Tuesday, Wednesday or
										Thursday only in early AM.
										Once collected, send samples to the
										Blood Bank. Phlebotomist must write
										their first initial and complete last name on label, as with other Blood Bank
					Call Blood	Blood Bank				samples. Keep at Room
HLA ANTIBODY SCREEN	HLAA	HLA ANTIBODY SCRN	86807	See Comments	Bank	sends to RIBC	Negative Screen	See Report	R = 1-3 days	Temperature.
				6 mL blood Whole Blood	1 Yellow Top	D. (				Submit as Whole Blood. Keep at
HLA B27	HLAB2	HLA B27	86812	Required	Vac (ACD) (10 ml size)	Reference Lab (Quest)	See Report	FCM, PCR	R = 3-5 days	room temperature. Collect samples on M, T, or W only.
TIEN BEI	TIENEZ	TIET ( BET	00012	required	1111 5120)	Reference Lab	occ report	r ow, r ore	K = 0 0 days	on in, 1, or wormy.
HLA B1502 Genotype,		HLA B1502		3 mL Blood Whole	Lavender Top	(Mayo) via				Also called "Carbamazepine
Carbamazepine	HLA02	Carbamazepine	81381	Blood	Vac	Quest	See Report	Allele-Specific PCR	R = 5-7 days	Hypersensitivity"
										Call Blood Bank for Requisition and
										tubes. Draw Monday, Tuesday, Wednesday or
										Thursday only in early AM.
										Once collected, send samples to the
										Blood Bank. Phlebotomist must write their first initial and complete last name
HLA TRANSPLANT			86813							on label, as with other Blood Bank
WORKUP-DONOR BONE		HLA TRANSPLANT	86817		Call Blood	Blood Bank				samples. Keep at Room
MARROW or STEM CELL	HLATD	DONOR	86807	See Comments	Bank	sends to RIBC	See Report	See Report	R = 24-72 hrs.	·
										Call Blood Bank for Requisition and tubes. Draw
										Monday, Tuesday, Wednesday or
										Thursday only in early AM.
										Once collected, send samples to the
										Blood Bank. Phlebotomist must write their first initial and complete last name
										on label, as with other Blood Bank
HLA TYPING FOR		HLA TYPE FOR			Call Blood	Blood Bank				samples. Keep at Room
PLATELETS	HLAPL	PLATELETS	86813	See Comments	Bank	sends to RIBC	See Keport	See Report	R = 1-3 days	Temperature.  Draw Monday or Tuesday only in early
										AM. Ship as
										whole blood to Reference Lab at room
					Yellow Top Vac (ACD) See	Deference 1 -1				temperature. Must
HLA-B-3			86812	10 mL blood	Comments	Reference Lab (Quest)	See Report		R = 5-7 days	be received within 48 hours of being collected
				2						
				40	Yellow Top Vac					
HLA-B*5701	HLB57	HLA B 5701 TYPING	81381	10 mL blood Whole Blood	(ACD) See Comments	Reference Lab (Quest)	See Report	PCR SSO	P=10-12 dovo	Ship as whole blood to Reference Lab
TILA-D STOT	I ILDO/	TILA B STOT I TENING	01301	TTIOLE BIOOU	Comments	(Ancor)	ове керип	1 OK 330	N=10-12 dayS	Draw Monday, Tuesday or Wednesday
										only in early AM.
				00 1 1 1 1						Ship as whole blood to Reference Lab
				20 mL blood Whole Blood	Yellow Top Vac (ACD) See	Reference Lab				at room temperature.  Must be received within 48 hours of
HLA-DR-2				Required	Comments	(Quest)	See Report	Microcytotoxicity	R = 3-5 davs	being collected
		1	-			1, ~/				

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
HLA-DW-3			86816	10 mL blood Whole Blood Required	Yellow Top Vac (ACD) See Comments	Reference Lab (Quest)	See Report		R = 5-7 days	Draw Monday, Tuesday or Wednesday only in early AM. Ship as whole blood to Reference Lab at room temperature. Must be received within 48 hours of being collected
HOMOCYSTEINE (Cardiac Risk)	HCY	HOMOCYSTEINE	83520	5 mL blood	Pearl Top	Clinical Immunology, Core	5.0 - 13.9 μMOL/L	Immunoassay	R = M - F	Separate plasma from cels within 4 hours.
HOMOVANILLIC ACID (24 hours)	UHVA2	U HVA 24HR	83150	24 hr urine	Clean plastic (2 L) urine container with 25 mL 6N HCL (Ped): 3-5 mL 6N HCL	Reference Lab	See Report	Electrochemical Detection, HPLC	R = Thurs	Refrigerate sample during collection. Preservative should be added prior to sample collection. Sent out.
HOMOVANILLIC ACID (Random)	UHVAR	U HVA RANDOM	83150	10 mL random urine	Clean plastic (100 mL) urine container See Comments	Reference Lab (Quest)	See Report	HPLC	R = 3-5 days	Refrigerate sample after collection. Lab will add 6 N HCl to obtain a pH of 1-3 after collection is complete. Sent out.
HPV DNA Probe (Human Papilloma Virus) - High and Low Risk	HPVSO	HPV HIGH RISK	87621x2	Thin Prep	Thin Prep	Reference Lab (Quest)	Not Detected			
HPV DNA Probe (Human Papilloma Virus) - High Risk	HPV	HPV DNA PROBE	87621	Thin Prep	Thin Prep	Molecular Microbiology Coro	Negative	Invader Technology	Set up twice weekly	Thin Prep. Automaticaly reflexes with ASCUS or submission of direct cervical sample where patient's age is > or equal to 30.
HPV Gentoype 16,18 hs-CRP	HPVG	HPV Genotype	87621	Thin Prep	Thin Prep Vial	Molecular Microbiology Coro	Negative	Invader Technology	Test performed weekly.	Performed on requests with a positive High Risk HPV result. See High Sensitivity CRP
HTLV I / II AB WESTERN BLOT	not orderable	not orderable	86689	7 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	Western Blot	R = 5-7 days	Sent out. Lab should store and send aliquot as refrigerated serum.
HTLV I / II DNA DETECTION by PCR	HTLV1	HTLV I and II DNA	87798	10 mL Blood	Lavender Top Vac See Commnets	Reference Lab	See Report	PCR	R = 7 days	Sent out. Submit sample as Whole Blood. Keep at Room Temperature and do not transfer to another tube. May only be collected on Monday & Tuesdays. Overnight to AML.
HTLV I AB	HTLVA	HTLV 1 ANTIBODY	86687	7 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	EIA	R = 5-7 days	Sent out. Lab should store and send aliquot as refrigerated serum.  This test code is for Organ Donor
HTLV I/II AB SCREEN Organ Donor Only	DHTLV	use downtime slip	86790	7 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	EIA	R = 5-7 days	Stem Cell, Sperm etc.)
HUMAN CHORIONIC GONADOTROPIN (THCG) QUANTITATIVE	QВНСG	BHCG SERUM QUANTITATIVE	84702	5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	Males and non-pregnant Females: 0-5 mIU/mL <b>Pregnancy</b> :Approximate Gestational Age 0 1 wks =0-50 1-2 wks =50-500 2 3 wks = 100-5,000 3-4 wks=500-10,000 4-5 wks=1,000-50,000 5-6 wks=1,000-100,000 6-8 wks = 15,000-200,000	Microparticle Enzyme Immunoassay (MEIA)	R = 48 hrs. S = 1 hr.	Test routinely performed M-Sat on AM shift. If needed Stat, call Lab at 793-4225 and it will be performed.
HUMAN GROWTH HORMONE (HGH)	HGH	HUMAN GROWTH HORMONE	83003	5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	Male: 0.00-1.41 ng/mL Female:0.01-5.22 ng/mL	Chemiluminesence	R = M,Th	Freeze immediately after processing.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
HUMAN IMMUNO- DEFICIENCY VIRUS (HIV)	HIV	HIV	86703	6 mL blood (Min) 3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Negative	Chemiluminesence	R = 72 hrs. S = 4.5 hrs.	Test screens for HIV Type 1 & 2Ab. If results are positive, Clinical Immunology sends an aliquot to RI Dept. of Health for an HIV 1 Ag/Ab Combo, HIV 1 RNA and if indicated, HIV Multispot confirmatory testing.
HVA (Homovanillic Acid; 24 hour)	UHVA2									See Homovanillic Acid (24 hrs)
HYDROXYPROLINE FREE and TOTAL	UHPRO	U HYDROXYPROLINE 24hr FR and T	83500 83505	24 hr urine	Clean plastic (2 L) urine container with 25 mL 6N HCL (Ped): 3-5 mL 6N HCL	Reference Lab (Quest)	See Report	Colorimetric	R = 3-5 days	Sent out. Refrigerate sample during collection. Lab will add preservative after collection is complete.
HYPERCOAGUABLE WORK-UP See Comments for ordering instructions.	not orderable	not orderable	82491	27.5 mL blood	3 Blue Top Vac 1 Red Top Vac 1 Lavender Top Vac 1 Pearl Top Vac	Coagulation, RIH	See specific procedures		R = 1 Week	Samples should be collected before starting anticoagulant therapy. You must order PT/PTT, LA Screen / CNF, Protein C, Protein S (Total and Free), APC Resistance, AT III, Factors II, VIII, XI, Homocysteine, and Anticardiolipin Abs (IgG.IgM,IgA) separately, if needed.
HYDROXYPROLINE	HPROL	HYDROXYPROLINE	82131	3 mL blood	Lav Top Vac	Chemistry, NEMC	Normal values are age dependent.		R = 2-4 days	Freeze Plasma
HYRDOXYPROLINE, FREE 24 Hr. Urine	UHPRF	U HYDRPR F	83500	100 mL aliquot of 24 hour Urine	Clean plastic (2 L or 100 mL) urine container with 25 mL 6N HCI	Reference Lab	See Report	Colorimetric	R = Wed	Refrigerate sample during collection. Preservative should be added prior to sample collection.
HYRDOXYPROLINE, TOTAL				100 mL aliquot of	Clean plastic (2 L or 100 mL) urine container with 25 mL 6N	Reference Lab				
24 Hr. Urine	UHPRT	U HYDRPR T	83505	24 hour Urine	HCI	(Quest)	See Report	HPLC High Performance	R = Tues	
IBUPROFEN	IBUP	IBUPROFEN	82491	5 mL blood 3 mL blood (Min)	Red Top Vac	Toxicology, RIH	Therapeutic Range: 10-50 ug/mL	Liquid Chromatography	R = Weekly S = 8 hrs.	Toxic: >500 ug/mL
IFE										Order SPEP. If SPEP is positive, both IFE and Total Immunoglobulins (IgG, IgM, and IgA) will be performed and billed. Procedure orderable by lab staff only.
IGF-1 (Somatomedin-C)	SOMC2	IGF-1	84305	5 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	Age Related See Report	Electrochemi- luminesence	R = 3-4 days	Sent out.
IGFBP-2 (IGF BINDING PROTEIN- 2)	IGF2	IGF BINDING PROTEIN	86329	5 mL blood	Red Top Vac	Reference Lab	See Report	RIA	R = 3-5 days	Sent out. Senum should be sent out frozen.
IGFBP-3 (IGF BINDING PROTEIN- 3)	IGF3	IGF BIND 3	86329	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	RIA	R = 3-5 day	Sent out. Serum should be sent out frozen.
IgG SUBCLASSES	IGGSU	IGG SUBCLASS	82784 82787x3	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report.	EIA	R = 3-5 days	Includes: IgG 1-4. Sent out.
lgH PCR Immunoglobulin Heavy Chain by PCR	IGHPC	IGH PCR	81261 G0452	3 mL whole blood or tissue biopsy	Lavender Top Vac	Clinical Molecular Biology	Negative	PCR	R = 2-4 days	Test performed M - F See CSF, Body Fluid or Bone Marrow IgH PCR, if applicable.
IMIPRAMINE See Comments	IMIP	IMIPRAMINE+ DESIMIPRAMINE	80160 80174	10 mL blood 5 mL blood (Min.)	Red Top Vac	Toxicology, RIH	Therapeutic Range Total: Imipramine plus Desipramine: 150-250 ng/mL	High Performance Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic: >500 ng/mL Desipramine is performed and charged on all Imipramines.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS	
I.E.S.I. NAME	NAME	SIIS ORDER INAME	CF I Code	3 mL Blood Whole		Reference Lab	THE PERENCE NAME.	WEINOD	time	Specimen must be drawn after 5AM, and be received at Viracor within 30 hours of collection. Draw Monday to	
IMMUKNOW	IMMUK	IMMUKNOW	86353	Blood	No Gel	(Viracor)	See Report			Friday only and ship overnight.	
IMMUNE COMPLEX ANTIBODY											
(DETECTION BY Clq						Reference Lab				Sent out. Ship	
BINDING)	C1QB	C1Q BINDING	86332	5 mL blood	Red Top Vac	(Quest)	See Report	C1q Binding	R = 4-7 days	Frozen	
IMMUNE COMPLEX C1Q	0400	C1Q COMPLEMENT	00000	C and blood	Dad Tan Van	Reference Lab	Can Danast	Radial	D 57 days	Cont out	
COMPLEMENT IMMUNE COMPLEX RAJI	C1QC	COMPONENT IMMUNE COMPLEX BY	86332	5 mL blood	Red Top Vac	(Quest) Reference Lab	See Report	Immunodiffusion	R = 5-7 days	Sent out. Ship	
CELL	ICRAJ	RAJI CELL		5 mL blood	Red Top Vac	(Quest)	See Individual Assay	EIA	R = 5-7 days	Frozen	
IMMUNOCAP											
SINGLE ALLERGEN Quest Performed	RASAM	NOT ORDERABLE	86003	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Immunocap	R = 4-6 days	Sent out.	
IMMUNOELECTRO- PHORESIS URINE	UIFE	NON ORDERABLE	86334	Random	Urine Specimen	Clinical Immunology, Core	GOO HOPON	Immunologic Identification of Proteins (IFE)	r = r = daye	Order UPEP. If a monoclonal protein is present, UPEP is positive, U IFE will be performed and billed. Procedure orderable by lab staff only.	
IMMUNOFIXATION ELECTROPHORESIS	IFE	NON ORDERABLE	86334	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology,		Immunologic Identification of Proteins (IFE)	R = 5-7 days	Order SPEP. If a monoclonal is present, both IFE and Total Immunoglobulins (IgG, IgM, and IgA) will be performed and billed. Procedure orderable by lab staff. If indicated a Free Kappa/Lambda and Ratio will be reflexed and charged.	
								Manual staining of			
IMMUNO-						las as con a bia ta		frozen sections for			
FLUORESCENCE				Tissue (fresh only)		Immunohisto- chemistry, RIH		immunoglobulins and complement.		See Immunohistochemistry Section.	
IMMUNOGLOBULIN A	IGA	IGA	82784	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	12 yrs Adult: 70-312 mg/dL. Pediatric Ranges vary with age, see report for specific pedi range, if needed.	Nephelometry	R = M - F		
IMMUNOGLOBULIN D	100	100	00704	0 1.1	D. I.T Ve.	Reference Lab	O D	Radial	D 57.1	0	
(IgD) IMMUNOGLOBULIN E (IgE)	IGD IGE	IGD IGE	82784 82785	3 mL blood 5 mL blood (Min.) 3 mL blood	Red Top Vac  Red Top with Gel (Gold)	(Quest)  Chemistry, Core	See Report  16 yrs - Adult: 3.0 - 209 IU/mL Pedi Ranges vary with age. Appropriate ranges will appear on report.	Immunodiffusion  Chemiluminesence	R = 5-7 days R = M - F	Sent out.	
IMMUNOGLOBULIN G (IgG)	IGG	IGG	82784	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	12 yrs Adult :639-1349 mg/dL. Pediatric Ranges vary with age, see report for specific pedi range, if needed.	Nephelometry	R = M - F		
IMMUNOGLOBULIN M (IgM)	IGM	IGM	82784	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	12 yrs Adult : 56 - 352 mg/dL. Pediatric Ranges vary with age, see report for specific pedi range, if needed.	Nephelometry	R = M - F		
IMMUNO-PEROXIDASE										See Immunohistochemistry (Surgical Path) Section.	
						Reference Lab		1			
INDERAL (Propranolol)			82491	10 mL blood	Red Top Vac	(Quest)	30-100 ng/mL	HPLC	3-5 days	Sent out.	
INDIRECT COOMBS			86710		-	Reference Lab				See Antibody Screen	
INFLUENZA AB	INFTI	INFLU TI		5 mL blood	Red Top Vac	(Quest)	See Report	Complement Fixation	R = 3-5 days	Sent out.	

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
INSULIN Antibodies	INSAB	INSULIN ANTIBODY	86337	5 mL blood	Red Top Vac	Reference Lab (Quest)	Negative	Radiobinding Assay	R = 3-7 days	Sent out. Call x 4-8152 to schedule and for
INSULIN Challenge										assistance.
INIOU II IN EDEE	INIOLII	INSULIN FREE	00507	5 N	D. I.T. W.	Reference Lab	00			
INSULIN FREE	INSUL	BIOACTIVE	83527	5 mL blood	Red Top Vac	(Quest)	See Report			
INSULIN LIKE GROWTH FACTOR BINDING PROTEIN-2 (IGFBP-2)	IGF2	IGF BINDING PROTEIN 2	86329	5 mL blood (Min.) 3 mL blood	Red Top Vac	Reference Lab	See Report	RIA	R = 3-5 days	Sent out. Serum should be sent out frozen.
FROTEIN-2 (IGI BF-2)	101 2	2	00329	(Will) 3 IIIL Blood	Red Top Vac	(Quest)	See Report	NIA	K = 3-3 days	Should be sent out nozen.
INSULIN LIKE GROWTH FACTOR BINDING PROTEIN - 3						Reference Lab				Sent out. Serum
(IGFBP-3) INSULIN Serum	IGF3 INSU	IGF BIND 3 INSULIN SERUM	86329 83525	5 mL blood 5 mL blood	Red Top Vac Red Top Vac	(Quest) Chemistry	See Report 3.0 - 25.0 mU/L	RIA Chemiluminesence	R = 3-5 days R = Daily	should be sent out frozen.
INSOLIN Selulli	INSU	INSOLIN SEROW	03323	3 IIIL BIOOG	Red Top Vac	Criefflistry	3.0 - 23.0 IIIO/L	Crierinariniesence	K = Dally	Call x4- 8152 to schedule and for
INSULIN Tolerance, IV										assistance.
INTERLEUKIN 6	INTR6	INTERLEUKIN 6	83520	4 mL Blood	Lavender Top Vac	Reference Lab (Quest)	See Report	EIA or ELISA		
INTRINSIC FACTOR BLOCKING ANTIBODY	INTRI	INTRINSIC FACTOR AB	86340	5 mL blood	Red Top Vac	Reference Lab (Quest)	Negative	Radiobinding Assay	R = 3-5 days	Sent out.
IODINE Urine	UIOR	U IODINE	82491	Urine container		Reference Lab (Quest)	See Report	Mass Spectrometry	R = 7-14 days	Sent out.
IONIZED CALCIUM	0.0.1	0.10212	02.01	Omio contamo.		(44551)	oco respon	made openioniony	rr = r r days	See Calcium, Ionized
IONTOPHORESIS			82435	Sweat	Collected by Lab	Chemistry, RIH		Pilocarpine Induced Sweat. Shales & Shales Titration		Schedule by calling Chemistry, RIH @ 444-5886
IPEP										Order SPEP. If monoclonal protein present, both IPEP and IFE will be performed.
	use	W.DONO W.D	00540		Clean plastic (2 L) urine container with 25 mL 6N HCL (Ped): 3-5 mL	Toxicology,	54.050 + 104.1-1	Flame/Atomic Absorption		Refrigerate sample during collection. Preservative should be added prior to
IRON Urine	UFE	U IRON 24 HR	83540	24 hr urine	6N HCL	RIH	51-350 ug/24 hr. Iron:	Spectroscopy	R = Th	collecting sample.
				4 mL blood	Green Top Vac		Female: 37-170 ug/dL			
IRON Serum	IRON	IRON LEVEL	83540	(Min.) 3 mL blood	with Gel (Mint)	Chemistry	Male: 49-181 ug/dL.	Timed Endpoint	R = Daily	Iron Critical : > 300 ug/dL
IRON BINDING CAPACITY, TOTAL	TIDO	TIDO	00550	4 mL blood	Green Top Vac	Ole a serieta a	TIDO 050 450/-II	T -4 1 P	D D:11	
TIBC	TIBC	TIBC T IRON	83550 80103 82491	(Min.) 3 mL blood Biopsy	with Gel (Mint)  Plastic tube	Chemistry  Toxicology, RIH		Turbidimetric  Atomic Absorption Spectroscopy	R = Daily  R = Fri. (Biweekly)	Place in container without any solutions. Hepatic Iron Index included with result.
ISLET CELL ANTIBODY	ISLE1	ANT ISLET CELL w REFLEX TITER	86341	5 mL blood	Red Top Vac	Reference Lab (Quest)	Negative	IFA	R= 8-10 days	Sent out
ISOENZYME FRACTIONATION Alkaline Phosphatase See	ISLET	REFLEX IIIEK	00341	3 IIIL DIOUG	Iven tob vac	(Anesi)	Negative	III A	n= o-10 days	Initially, Total Alk Phos (CPT 84075) is performed. If total is normal, the
Comments for Reflexive Rules	ALKIS	ALKALINE ISOENZYMES		4 mL blood (Min) 0.5 mL	Gold Top Vac	Reference Lab (Quest)		Electrophoretic mobility		Isoenzyme will be cancelled and credited
ISOENZYME FRACTIONATION AMYLASE (includes Total)	AMYIS	AMYLASE ISOENZYME	82150 82664	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Colorimetric	R = 3-5 days	Sent out.
ISOENZYME FRACTIONATION LDH (Lactic Dehydrogenase)	LDISO		83615 83625	4 mL blood (Min.) 0.5 mL blood	Gold or Red Top	Reference Lab (Quest)		Electrophoretic mobility	R = 2-4days	Room Temperature.
ISONIAZID	ISON	ISONIAZID LEVEL	80299	5 mL blood (Min) 3 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	HPLC	R = 2-3 Weeks	Freeze serum as soon as possible. Wrap sample in foil.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
1201 MAINE		OMO ORDER HAME	0 0000	, , , or , Equilier	OOMIAMEN	Toxicology,	KEI EKENGE KAROE		R = daily	Component of Volatile Screen
ISOPROPANOL	ISOP			5 mL blood	Red Top Vac	RIH	ND (none detected)	Gas Chromatography	S = 2 hr.	(VOLATILE)
ISOT KOT ANGE	1001			3 IIIL blood	rted Top vac	IXIII	Negative : < 20 Units	Cas Cilionalography	0 = 2 111.	(VOLATILE)
JO1				3 mL blood		Clinical	Weak Pos: 20-39 Mod			
Extractable Nuclear		EXT NCLR ANTG (ENA)		(Min. ) 1.0 mL	Red Top with		Pos: 40-80 Strong Pos:			
	JO1	' '	86235	blood	Gel (Gold)	Immunology,	≥80	F	D Weekle	
Antigen (ENA) JO 1	JU1	JO 1	86235	01000	Gei (Goid)	Core		Enzyme Immunoassay	R = Weekly	
							Free Kappa			
							3.3-19.4 mg/L			
							Free Lambda			
						Clinical	5.7-26.3 mg/L			
KAPPA LAMBDA LIGHT		FREE KAPPA LAMBDA			Red Top with	Immunology,	Kappa Lambda Ratio			
CHAINS with RATIO	KAPL1	and RATIO		5 mL blood	Gel (Gold)	Core	0.26-1.65	Nephelometry	R = M-F	
						Reference Lab				
KEPPRA (Levetiracetam)	KEPP	KEPPRA LEVEL	80299	5 mL blood	Red Top Vac	(Quest)	See Report	MS / HPLC		
KETOCONAZOLE		KETOCONAZOLE				Reference Lab				Sent out. Ship
(NIZORAL)	KETOC	LEVEL	87106	5 mL blood	Red Top Vac	(Quest)	See Report	BioAssay	R = 5-7 days	Frozen
,						· /	Negative : < 20 Units	,		
LA Antibody						Clinical	Weak Pos: 20-39 Mod			
Extractable Nuclear		EXT NCLR ANTG (ENA)		5 mL blood	Red Top with	Immunology,	Pos: 40-80 Strong Pos:			
Antigen (ENA) SSB	SSB	SSB	86235	(Min) 3 mL blood	Gel (Gold)	Core	≥80	Enzyme Immunoassay	R - Weekly	
Alligen (LIVA) 33B	335	335	00233	(IVIIII) 3 IIIL DIOOG	Gei (Goid)	Core	280	Litzyille illillidiloassay	IX = VVEEKIY	
			1			1				
			I		Heparinized	I	1			
					syringe. Please					
					remove needle					
					and place cap					Ven Critical Value : > 3.9 mEq/L
					on syringe @					Transport STAT, on Ice. Must arrive
					TMH					within 6 hours of draw if collected in
LACTIC ACID					I IVII I					
					O T 1/-					gray top tube or 45 min. of draw if
					Gray Top Vac					collected in Mint top tube. When
					(Sodium					drawing blood, remove tourniquet as
		LACTIC ACID VENOUS			Fluoride &					soon as possible.
		(RIH & TMH)			Potassium	Blood Gas				At TMH,
	LACTI (RIH)			5 mL blood	Oxalate) Mint	Lab @ TMH				if Lactic Acid Venous ordered, a tube
		Lactic Acid Blood Gas		ON ICE	Green Top Vac		Venous Range :	Lactate oxidase /		should be collected and testing will be
	WBLAC (TMH)	Lab (TMH only)	83605	(Min.) 3 mL blood	also acceptable.	Chemistry	0.2 - 2.2 mEq/L	Peroxidase	R & S = 1 hr.	performed by the Main Lab.
				0.5 mL CSF ON	Sterile plastic	Chemistry,		Lactate oxidase /		
LACTIC ACID Spinal Fluid	CFLAC	CSF LACTIC ACID	83605	ICE	CSF tube	RIH	0.5 - 2.0 mEq/L	Peroxidase	S = 1 hr.	Transport STAT on ice.
·										·
										Call x444-2771 to book.
LACTOSE TOLERANCE			82951			Chemistry,				See Special Procedures. *
(Blood)	LACTO		82952*			RIH				82952 used for samples beyond three.
Lamictal Level	2.510		32302		1	Reference Lab			<del>                                     </del>	Salar Salar
(Lamotrigene)	LAMIC	LAMICTAL Level	80299	5 mL blood	Red Top Vac	(Quest)	See Report			
(Lamoungene)	LAMIC	LAMIOTAL LEVEL	00233	o me biood	nou rop vac	(wucoi)	OGG IVEROLE		<b> </b>	
			l			I			R = 1 week	
1.45			I				1			
LAP			l	F 1.1		Special			(test run once	
(Leukocyte Alkaline		LEUKOCYTE ALKALINE		5 mL blood Whole		Hematology,			a week)	
Phosphatase)	LAP	PHOSPHATASE	85540	Blood Required	(Heparin)	RIH	Adults: 15-120	Cytochemical	S = N.A.	EDTA blood is unacceptable.
LASA-P (lipid-associated		LIPID ASSOCIATED	<u> </u>			Reference Lab				
sialic acid)	SIALI	SIALIC ACID	84275	5 mL blood	Red Top Vac	(Quest)	See Report	Colorimetric	R = 5-10 days	Sent out.
										Appropriate pediatric ranges will appear
		1	1			1				on lab report.
				1	Green Top Vac	I	1	Conversion of Lactate	R = 4 hrs.	Cannot be performed on hemolyzed
LDH							1			
	LDH	LDH	83615	4 mL blood		Chemistry	Adult: 100 - 220 IU/I	to Pyruvate	IS = 1 hr	Iserum
(lactic dehydrogenase)	LDH	LDH	83615	4 mL blood	with Gel (Mint)	Chemistry	Adult: 100 - 220 IU/L	to Pyruvate	S = 1 hr.	Serum See Iscenzyme Fractionation LDH
	LDH	LDH	83615	4 mL blood		Chemistry		to Pyruvate	S = 1 hr.	See Isoenzyme Fractionation LDH
(lactic dehydrogenase)	LDH	LDH	83615	4 mL blood		Chemistry	LDL:	to Pyruvate	S = 1 hr.	
(lactic dehydrogenase) LDH lsoenzyme	LDH	LDH	83615	4 mL blood	with Gel (Mint)		LDL: Desirable <130 mg/dL;		S = 1 hr.	See Isoenzyme Fractionation LDH
(lactic dehydrogenase)  LDH Isoenzyme  LDL ( Low Density					with Gel (Mint)  Green Top Vac	Chemistry,	LDL: Desirable <130 mg/dL; Borderline 130-159; High	Homogeneous		See Isoenzyme Fractionation LDH  Can not be peformed if Triglyceride
(lactic dehydrogenase) LDH lsoenzyme	LDH	LDH LDL MEASURED	83615 83721	4 mL blood	with Gel (Mint)		LDL: Desirable <130 mg/dL;		S = 1 hr. R/S = 7 days	See Isoenzyme Fractionation LDH  Can not be peformed if Triglyceride exceeds 1293 mg/dL
(lactic dehydrogenase)  LDH Isoenzyme  LDL ( Low Density					with Gel (Mint)  Green Top Vac	Chemistry,	LDL: Desirable <130 mg/dL; Borderline 130-159; High	Homogeneous		See Isoenzyme Fractionation LDH  Can not be peformed if Triglyceride

:::::::::::::::::::::::::::::::::::::::	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
LEAD, 24 hr Urine	UPB	U LEAD 24HR	83655	24 hr urine	Clean plastic (2 L) container with 25 mL 6N HCL (Ped): 3- 5 mL 6N HCL	Toxicology, RIH	0-80 µg/24 hrs	Graphite Furnace/Atomic Absorption Spectroscopy	R= Tu & Th S = 4 hrs.	Toxic: >120 µg/24 hr. Refrigerate sample during collection. Preservative should be added prior to sample collection.
LEAD, Random Urine	UPBR	U LEAD RANDOM	83655 82570	24 hr urine	Clean plastic (100 mL) container	Toxicology, RIH		Graphite Furnace/Atomic Absorption Spectroscopy	R= Tu & Th S = 4 hrs.	Toxic: >120 μg/24 hr. Refrigerate sample during collection. Preservative should be added prior to sample collection.
LEAD, Whole Blood	LEAD	LEAD	83655	3 mL blood (Min) 1 mL blood Whole Blood Required	Green or Royal Blue Vac with additive	Toxicology, RIH	0-9 ug/dL (Age 0-6 yrs.) 0-25 ug/dL (6-Adult)	Graphite Furnace/Atomic Absorption Spectroscopy	R=T, Th & Sat. S = 4 hrs.	Toxic: > 25 ug/dL (0 - 6 yrs) >40 ug/dL (Age 6 - Adult)
LEGIONELLA ANTIBODY TITER (IgG and IgM) See Comments for Reflexive Rules LEGIONELLA ANTIGEN	LEGT	LEGIONELLA AB TOTAL SO or LEGIONELLA AB TOTAL TITER	86713	3 mL blood (Min.)1 mL blood	Red Top Vac	Reference Lab (Quest) Chemistry,	IgM < 1:256	Indirect Immunofluorescence (IFA)	R = 1-2 Weeks	LEGI IgM (CPT 86713) is reflexively ordered if LEGI Ab is 1:64 or greater. A titer of 1:256 or greater on a single specimen is presumptive evidence of Legionnaires Disease or a fourfold rise in titer between acute and convalescent samples.
Urine	ULEGI	U LEGIONELLA	87449	Random Urine.	Sterile leakproof	Core	Negative	EIA	R = M-F	
Legionella Culture	CXLEG	Source specific Bronchial, Sputum, etc.	87081	Respiratory	Sterile leakproof container	Microbiology	Negative	Legionella Culture	R=14 days	Legionella Urinary Antigen test is preferred.
LEPTOSPIRA ANTIBODY	LEPTS	LEPTOSPIRA SCREEN	86720	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Indirect Hemaglutination	R = 3-5 days	Sent out.
LEUKOCYTE ALKALINE PHOSPHATASE	LAP	LEUKOCYTE ALKALINE PHOSPHATASE	85540							See LAP
LFT Liver Function Tests	LIVER	LIVER PANEL	84460 84075 84450 82247 82248 82040 84155	5 mL Blood	Green Top Vac	Chemistry	See indvidual methods	See individual methods	R & S = 1 hr.	Group contains Alb, Alk Phos, AST, ALT, T. Bili, D. Bili, and T. Protein. Synonym for Liver
ш					Red Top with	Chemistry,	Male: mIU/mL = (20-70 yrs) 1.5-9.3 Female: mIU/mL = Follicular: 1.9-12.5 Midcycle: 8.7-76.3 Luteal: 0.5-16.9			
(Lutenizing Hormone)	LH	LH*	83002	5 mL blood	Gel (Gold)	Core	Postmenopausal:15.9-54.0 Therapeutic: Librium	Chemiluminescence	R = M - Sat.	Toxic: Librium > 5.0 μg/mL
LIBRIUM	LIB	LIBRIUM AND NORCHLORDIAZ	80154	5 mL blood (Min.) 3 mL blood	Red Top Vac	Toxicology, RIH	1.0-3.0 ug/mL Norchlordiazepoxide 0.2-1.9 ug/mL	High Performance Liquid Chromatography	R = Weekly S = 8 hrs.	Norchlordiazepoxide >2.6 ug/mL Norchlordiazepoxide is performed on all requests.
				,						
LIDOCAINE	LIDO	LIDOCAINE LEVEL	80176	3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic: 2.0 - 5.0 μg/mL	Enzyme Immunoassay (EMIT)	R = M - Sat S = 1 hr.	Toxic: > 7.0 μg/mL
LIPASE	LIP	LIPASE LEVEL	83690	4 mL blood (Min) 3 ml blood	Green Top Vac with Gel (Mint)	Chemistry	7 - 60 U/L	Panteghini Method	R = 4 hrs. S = 1 hr.	
LIPID ASSOCIATED SIALIC ACID (LASA-P)				,	,	,				See LASA-P
LIPID PANEL										See Cholesterol Fractionation
LIPOPROTEIN A	LIPOA	LIPOPROTEIN A	83695	5 mL blood (Min.) 3 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Immunoturbiditry	R = 2-4 days	Sent out.
LIPOPROTEIN ELECTROPHORESIS	LIPO	LIPOPROTEIN	83715	5 mL blood Fasting 16 hrs.	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report	Agarose Electrophoresis	R = 3-5 days	Sent out.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
TEST WAME	NAME	SWS ONDER NAME	CF1 Code	SPECIMIEN	CONTAINER	LAD	KEPEKENCE KANGE	MEIIIOD	rine	Critical: >1.6 mEg/L
										(First incidence only)
					Red Top with	Chemistry,	Therapeutic Range:			A standardized 12 hour post dose serum lithium concentration can be
LITHIUM	LITH	LITHIUM	80178	5 mL blood	Gel (Gold)	RIH	0.6 - 1.2 mEq/L	Colorimetric	R & S = 1 hr.	used to assess adequate therapy.
	21111	Littion	84460	o me biood	Ge. (Ge.a)		0.0 1.2 1.124/2	Colormicano		assa to assass assassas morapy.
			84075							
			84450 82247							
			82248							
			82040		Green Top Vac					Group contains Alb, Alk Phos, AST,
LIVER	LIVER	LIVER PANEL	84155	5 mL Blood	with Gel (Mint)	Chemistry	See indvidual methods	See individual methods	R & S = 1 hr.	ALT, T. Bili, D. Bili, and T. Protein
LMWH ANTI Xa	AXA	ANTIXa				<b>-</b>		High Performance		See Anti Xa
				5 mL blood		Toxicology,	Therapeutic Range:	Liquid	R = Weekly	
LORAZEPAM	LORAZ	LORAZEPAM LEVEL	80154	(Min) 3 mL blood	Red Top Vac	RIH	10-240 ng/mL	Chromatography	S = 8 hrs.	Toxic: >300 ng/mL
LOW MOLECULAR WEIGHT HEPARIN ANTI										
Xa	AXA	ANTI Xa								See Anti Xa
					Lavender or Red	Reference				
LOXAPINE	LOXA	LOXAPINE	82491	5 mL blood	Top Vac	Lab, (Quest)	See Report		R = 5-7 days	Toxic: > 60 ng/mL
LUDIOMIL (Maprotiline)				10 mL blood	Red Top Vac	Reference Lab (Quest)	Therapeutic Range: 50-240 ng/mL.	HPLC	R = 3-5 days	Toxic: > 250 ng/mL. Sent out.
(Maprolillite)				TO THE BIOOG	Red Top Vac	(Quest)	30-240 Hg/IIIL.	TIFLO	K = 3-3 days	Send on Quest Cytogenetics
					Formalin-fixed					requisition.
LUNG CANCER (NSCLC)			00074 0	Formalin-fixed	paraffin	Dafa a a a a la la				Alternate sample: 5 slides (unstained,
ROS1 (6q22) Rearrangement, FISH	ROS1	NON-ORDERABLE	88271x2 88274	paraffin embedded tissue block	embedded tissue block	Reference Lab (Quest)	See Report	FISH	R=7-10 days	positively charged) submitted in a slide holder.
realitarigement, i lori	11001	NON ONDERVIDEE	00214	tioode brook	tiodae block	(Quest)	occ report	11011	it=7 10 days	Tioldor.
										Test contains Lupus Screen and Lupus
										Confirmatory testing. Not performed
										weekends, nights, or holidays.  Reflexive Rule: If LA Ratio is <1.25 and
										the PT is <13.3, a Platelet
LUPUS ANTICOAGULANT			85613		2 Blue Top Vac				R = 1 week	Neutralization (85597) will be performed
(LUPUS INHIBITOR)	LA	LUPUS INH	85612	9.0 mL blood	Tubes	RIH		Clottable	S = Š 1 hr.	and billed.
LYME DISEASE AB,						Clinical				
WESTERN BLOT EARLY			86617			Immunology,				
DISEASE (IgG & IgM)	LYMWB	LYME EARLY	86617	5 mL blood	Red Top Vac	Core	See Report	Western Blot	R = 5-7 days	Detecto InC and InM Actions
										Detects IgG and IgM Antibodies  Reflexive Rule: All positive and
LYME DISEASE										equivocal results for Lyme Ab titer will
ANTIBODY Titer						Clinical	< 0.9 Negative			reflexively generate an order for a Lyme
Antibodies to Borrelia Burgdorferi	LYMER	LYME REFLEX	86618	5 mL blood (Min) 3 mL blood	Red Top with Gel (Gold)	Immunology, Core	0.9 - 1.1 Equivocal > 1.1 Positive	Enzyme Immunoassay	P = M - F	Western Blot and be charged CPT Code 86617x2.
LYME DISEASE DNA BY	LIMEN	LYME DNA BY PCR-	87797	(WIIII) 3 THE BIOOG	Ger (Gold)	Reference Lab	> 1.11 OSILIVE	Litzyme immunoassay	IX = IVI - I	Sent out.
PCR	LYPC	SERUM	87798	5 mL Blood	Red Top Vac	(Quest)	Not Detected	PCR	R= M-F	Serum should be frozen.
CHORIOMENINGITIS AB	LCM	LCM	86727	5 mL blood	Red Top Vac	(Quest)	See Report	Indirect Fluoresence	R = 5-7 days	Sent out.
LYSOZYME										See Muramidase Lysozyme
MAG ANTIBODY MYELIN ASSOCIATED										
ANTIBODY					<u> </u>					See Myelin Associated Antibody
					Clean plastic					
MAGNESIUM					(2 L) urine container with	Toxicology,		Atomic Absorption		Refrigerate specimen during collection. Preservative should be added prior to
Urine 24 hr	UMG24	U MAGNESIUM 24 HR	83735	24 hr urine	25 mL 6N HCl	RIH	6.0 - 10.0 mEq/24 hr.	Spectroscopy	R = Th.	sample collection
								1		
					1					Critical Values : Magnesium
MAGNESIUM					Green Top Vac			Calmagite Timed	R = 4 hrs.	> 2.3 mEq/L Magnesium < 0.7 mEq/L Test cannot be
( Mg )	MG	MAGNESIUM LEVEL	83735	4 mL blood	with Gel (Mint)	Chemistry	1.3 - 1.9 mEq/L		S = 1 hr.	performed on hemolyzed sample.
					Clean plastic					
MAGNESIUM Urine,	UMGR	U MAGNESIUM RANDOM	83735	Random urine	(100 mL) urine container	Toxicology, RIH			R = Th. S = 4 hrs.	
Random	UIVIGR	RANDUN	o3/33	nanuom ume	COITIAITIE	NΠ	l .	Spectroscopy	o = 4 nrs.	

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
MALARIA SMEAR										
(Smear for Parasites)										See Blood Parasites
					Special Tube					Specimen must be refrigerated during transport. Alt. Tube is Dark / Royal
					Dark / Royal	Reference Lab		Graphite Furnace		Blue with Sodium Heparin.
MANGANESE	MANG	MANGANESE BLOOD	83785	5 mL blood	Blue with EDTA	(Quest)	See Report	Atomic Absorption	R = 5-7 days	Sent out.
MAPROTILINE										
(Ludiomil)					Gold or Red Top					See Ludiomil
MATERNAL AFP ONLY			82105	5 mL blood	Vac	W & I	See Report			Specific requisition must be completed.
			86900	6 mL blood			·		R = 80-120	
MATERNAL TYPE &		MATERNAL TYPE AND	86901	Whole Blood	5: 1 5: .: 1 <i>.</i>				min. S	
SCREEN	MTSG	SCREEN	86850	Required	Pink Plastic Vac	Blood Bank	Negative Screen < 0.900 Negative	Gel Test	= 45-60 min.	
							0.91 - 1.09 Equivocal			
						Clinical	≥1.10 Positive			
MEASLES IgG ANTIBODY						Immunology,	Measured in REV			Detectable levels of 1.10 or greater is
Titer MEASLES IgM ANTIBODY	MEAG	MEASLES IGG	86765	3 mL blood	Red Top Vac	Core Reference Lab	(Relative Elisa Values)	Enzyme Immunoassay	R = M,W,F	consistent with immunity to measles.
Titer	MEAM	MEA IGM AB	86765	3 mL blood	Red Top Vac	(Quest)	See Report	Immunoflorescence		Sent Out
1101	11127 1111		00.00	0 1112 D1000	riod rop rac	(44001)	Coo Hopon	High Performance		our our
MELLARIL				5 mL blood		Toxicology,	Therapeutic Range:	Liquid	R = Tu & F	
(THIORIDAZINE)	TRZNE	MELLARIL LEVEL	84022	(Min) 3 mL blood	Red Top Vac	RIH	100-2600 ng/mL.	Chromatography	S= 8 hrs.	Toxic: > 5000 ng/mL
MEPHOBARBITAL		MEPHOBARB AND	82491	5 mL blood (Min)		Toxicology,	Therapeutic Range:		R = Weekly	Toxic: >20 μg/mL A Phenobarbital is performed and
See Comments	MEPHO	PHENOBARB	80184	3 mL blood (Will)	Red Top Vac	RIH	0.5 - 3.5 ug/mL	Gas Chromatography	S = 6 hrs.	charged on all sera for this test.
				5 mL blood (Min)		Toxicology,	Therapeutic Range:		R = Weekly	
MEPROBAMATE	MEPRO	MEPHROBAMATE	83805	3 mL blood	Red Top Vac	RIH	2 - 26 μg/mL	Gas Chromatography	S = 6 hrs.	Toxic: >60 μg/mL
MERCURY					Clean plastic (100 mL) urine	Toxicology,		Atomic Absorption	R = Fri. (Biweekly)	
RANDOM URINE	UHGR	U MERCURY RANDOM	83825	Random urine	container	RIH	0 - 20 ug/L	Spectroscopy	S = 48 hrs.	
								-1	R = Fri.	
MERCURY				5 mL blood Whole		Toxicology,		Atomic Absorption	(Biweekly)	
WHOLE BLOOD	HG	MERCURY	83825	Blood Required	with Heparin	RIH	0 - 10 ug/L	Spectroscopy	S = 48 hrs.	Critical Value > 50 ug/L  Toxic: Exposure to organics >100
										Toxic: Exposure to organics >100 ug/24 hr. Exposure to
					Clean plastic (2					inorganics >200 ug/24
					L) urine contaier					hr
					Add 10 mL 10% Nitric Acid or 25	Toxicology,		Atomic Absorption	R = Fri. (Biweekly)	Refrigerate sample during collection and preservative must be added prior to
MERCURY URINE 24HR	UHG	U MERCURY 24 HR	83825	24 hr urine	mL 6N HCI	RIH	Normal: 0-20ug/24 hrs	Spectroscopy	S = 48 hrs.	collection.
METANEPHRINES ,							Ŭ	, ,,		
PLASMA (Total		METANEPHERINES			Lavender Top	Reference Lab				Sent out.
& Fractionated)	METAN	PLASMA	83835	5 mL Blood	Vac	(Quest)	See Report	LC/MS/MS	R=5-7 days	Refrigerate Plasma
					Clean plastic (2 L) urine					
					container with					Refrigerate sample during collection.
METANEPHRINES TOTAL		U METANEPHRINE			25 mL of 6N	Toxicology,	Total Metanephrines:	Pisano/		Preservative should be added prior to
(Urine)	UMETA	24 HR METHAMPHETAMINE	83835	24 hr urine 10 mL blood	HCI	RIH Toxicology,	0 - 900 ug/24 hrs Therapeutic range:	Spectrophotometry	R = Weekly	collecting sample.
METHAMPHETAMINE	MAMPH	METHAMPHETAMINE LEVEL	82145	(Min) 3 mL blood	Red Top Vac	RIH	10-50 ng/mL	GC/Mass Spectrometry	R = Weeklv	Toxic: > 600 ng/mL
						Toxicology,			R = Daily	Component of Volatile Screen
METHANOL	MEOH		84600	5 mL Blood	Red Top Vac	RIH	ND (None detected)	Gas Chromatography	S = 2 hr.	(VOLATILE)
					L					
					Labeled heparinized					
					syringe. Please					
					remove needle					
	METUR	METHEMOGLOBIN			and place cap	Discussion Co.				Table of the Colon of the Life
	METHB (RIH)	метнемодьовіл (RIH)			on syringe @ TMH	Blood Gas Lab @ TMH				TMH Inpatients Orders should be placed under Respiratory.
	(INIT )	(1311)		3 mL blood	1.1411	LaD & INIT				piaced under Respiratory.
	WBMET (TMH	Methemoglobin Only		Whole Blood	Green Top Vac	Chemistry @	0- 1.8% of total			TMH Outpatient should draw a green
METHEMOGLOBIN	Inpatients)	(TMH Only)	83050	Required	(no gel) @ RIH	RIH	hemoglobin	Spectrophotometric	S = 20 min	top tube (no gel barrier).
METHIONINE	MTH	METHIONINE LEVEL	82131	3 mL blood	Lav Top Vac	Chemistry, NEMC	Normal values are age dependent.		R = 2-4 days	Freeze Plasma
IVIL (1 IIQINIINL	IVI Í 🏻	IVIL I I II O I VII VE LE VEL	02131	O THE DIOUG	Lav Tup Vac	INLINIC	uepenuent.		11 = 2-4 uays	1 10020 1 1031110

	LIS ORDER				<b>.</b>				Turnaround	4
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
METHOTREXATE	MTX	METHOTREXATE LEVEL	83520	3 mL blood	Red Top Vac (protect from light)	Toxicology, RIH	Protocol dependent	Fluoresence Polarization immunoassay	R = M-Sat S= 2 hr	Test must be scheduled by calling ext 4- 5858 (Toxicology Lab, RIH).
METHSUXIMIDE (Elontin)	METSU	METHSUXIMIDE AND NORMETH	83858	5 mL blood (Min) 3 mL blood	Red Top Vac	Reference Lab (Quest)	See Report		R = 3-5 days.	
METHYLENEDIOXY- AMPHETAMINE (MDA) Quantitative	MDA	MDA	82145	5 mL Blood	Red Top Vac	Toxicology, RIH	Normal Value : None Detected	Gas Chromatography / Mass Spectrometry	R = Weekly	Included in the Amphetamine confirmation procedure.
METHYLENEDIOXY- AMPHETAMINE (MDA) Urine Confirmation	ACONF	AMPHETAMINE CONFIRMATION	82145	Random Urine	Clean plastic (100 mL) urine container	Toxicology, RIH	Normal Value : None Detected	Gas Chromatography / Mass Spectrometry	R = Weekly	Included in the Amphetamine confirmation procedure.
METHYLENEDIOXY- METHAMPHETAMINE (MDMA, Ecstacy) Quantitative	MDMA	MDMA	82145	5 mL Blood	Red Top Vac	Toxicology,		Gas Chromatography / Mass Spectrometry	R = Weekly	Included in the Amphetamine confirmation procedure.
METHYLENEDIOXY- METHAMPHETAMINE (MDMA, Ecstacy) Urine Confirmation	ACONF	AMPHETAMINE CONFIRMATION	82145	Random Urine	Clean plastic (100 mL) urine container	Toxicology,		Gas Chromatography / Mass Spectrometry	R = Weekly	Included in the Amphetamine confirmation procedure.
METHYL HISTIDINE (Urine)	UMHIS	U METHYLHISTIDINE	82131	Random urine	Clean plastic (100 mL) urine container	Amino Acid Lab, NEMC	See Report	High Performance Liquid Chromatography (HPLC)		
METHYL MALONIC ACID (Random Urine)	UMTHY	U METYLMALONIC RANDOM	83918	Random urine	Clean plastic urine container	Reference Lab (Quest)	See Report	LC/MS	R = 7-10 days	
METHYL MALONIC ACID (Serum) Quantitative	MMAL	METHYL MALONIC ACID	82542	5 mL blood 5 mL blood	Red Top Vac	Reference Lab (Quest) Reference Lab	See Report	GC/Mass Spectrometry	R = 5-7 days	Sent out. Once received in lab, sample should be frozen immediately after separation.
MEXILETINE (MEXATIL) MICROALBUMIN Urine	MEXIL	MEXILETINE LEVEL U MICROALBUMIN	82491	(Min) 3 mL blood	Red Top Vac Clean plastic	(Quest) Chemistry,	See Report		R = 5-7 days	
(Random)	UMICA	RANDOM	82043	Random urine	urine container	Core	< 20 mg/g of Creatinine	Turbidimetric	R = Daily	
MICROALBUMIN Urine		U MICROALBUMIN			Clean plastic (2 L) urine	Chemistry,				
24 hour MICROSOMAL ANTIBODY	UMIA2	24hr	82043	24 hr urine	container	Core	< 25 mg/24 hrs	Turbidimetric	R = Daily	Refrigerate sample during collection.  Replaced by A-TPO (Anti-Thyroid Peroxidase Ab)
MICROSPORIDIA SPORE DETECTION	MICDE	FECAL MICROSPORIDIA DETECTION	87015 87207	Random stool 5 mL blood	Sterile leakproof container	Reference Lab (Quest) Reference Lab	See Report	Microscopy, Trichrome Stain		Sent out. Upon receipt, sample must be placed in formalin vials supplied by Quest. Refrigerate sample.
MIDAZOLAM	MIDAZ	MIDAZOLAM LEVEL	80154	(Min) 3 mL blood	Red Top Vac	(Quest)	See Report		R = 5-7 days	
MITOCHONDRIAL ANTIBODY	MITAB	ANTI-MITOCHONDRIAL AB EIA	83516	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Interpretation : Negative: ≤ 20.0 Equivocal : 20.1 - 24.9 Positive : ≥ 25.0	EIA Enzyme Immunoassay	R = once a week	Interpretation : ≤ 20.0 Negative, no Mitochondrial Ab. 20.1 - 24.9 Suggest further testing ≥ 25.0 Positive, presence of Mitochondrial Ab and suggests the possibility of primary biliary cirrhosis
MONO SPOT	MSPOT	MONO SPOT	86308	3 mL blood	Red Top Vac	Hematology	Negative	Immunoassay	R = 8 hrs. S = 45 mins.	Con FDVTton
MONO TITERS  MRSA Screen	CXMRS	Source specific: Nasal, skin, etc.		All Sites Specify site	Copan Double Swab	Microbiology	Negative	MRSA Culture	R = 2 days S = NA	See EBV Titers  First incidence of a positive result is called for Inpatients only. Only cultured for Methicillin Resistant Staph Aureus.
MRSA Screen Wound	CXMRW	MRSA SCREEN WOUND	87081	Wound	Copan Double Swab	Microbiology	Negative	MRSA Culture	R = 2 days S = NA	First incidence of a positive result is called for Inpatients only. Only cultured for Methicillin Resistant Staph Aureus.
MTHFR 677, 1298 Methylene tetrahydrofolate reductase DNA	MTHFR	MTHFR DNA MUTATION	81291	Buffy Coat from Lavender or 3 mL Whole Blood	Lavender Top Vac	Clinical Molecular Biology, RIH	Negative	Flourescent probe	5-10 days; set up on Tuesdays	Stable for 4 days refrigerated. Set up on Tuesdays

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
					Clean plastic					
MUCOPOLYSACCHARIDE		U MUCOPOLYSAC-			(100 mL) urine	Amino Acid				
Urine (Qual)	UMUCO	CHARIDE SCRN	83866	Random urine	container	Lab, NEMC	Negative	Toluidine Blue		Also known as Berry Spot Test.
										Index Value Interpretation: <
							< 0.900 Negative			0.90 Negative (no previous infection)
						Clinical	0.91 - 1.09 Equivocal			0.91-1.09 Equivocal (recommend
MUMPS IgG ANTIBODY					Red Top with	Immunology,	>1.10 Positive			repeat testing) ≥1.10 Positive
Titer	MUMPG	MUMPS IGG EIA	86735	3 mL blood	Gel (Gold)	Core	INDEX VALUE	EIA	R = M,W,F	( previous or current infection)
MUMPS IgM ANTIBODY					Red Top with	Reference Lab				
Titer	MUMPM	MUMPS IGM	86735	3 mL blood	Gel (Gold)	(Quest)	See Report		R = 3-5 days	
		MURAMIDASE			Red Top with	Reference Lab				
Muramidase Lysozyme	MURA	LYSOZYME	85549	5 mL blood	Gel (Gold)	(Quest)	See Report	Enzymatic	R = 4 - 5 days	
									Histology: w/i	
									7 days	
MUSCLE BIOPSY						Histology			EM:48 hrs.	See Histopathology Section.
		See AFB order options				I				Swab specimens will be rejected.
1		based on specimen	87116	Fluid, tissue, or	Sterile leakproof	1		Semiautomated	R=6 Weeks	Tissues should be received in a sterile
Mycobacterium Culture	CXAFB	source	87206	abscess only	container	Microbiology	Negative	detection.	S=N/A	cup with a drop of sterile saline
								Liquid		
						Reference Lab		Chromatography/		
MYCOPHENOLIC ACID	MYCOP		80180	5 mL Blood	Red Top	(Quest)	See Report	Tandem MS	R = 4-5 days	Includes MPA Glucuronide
										Index Value Interpretation:
										≤ 0.90 Negative (no previous infection)
							Index Value			0.91-1.09 Equivocal (recommend
						Clinical	Negative: ≤ 0.90			repeat testing)
MYCOPLASMA				5 mL blood	Red Top with	Immunology,	Equivocqal: 0.91 - 1.09		R = once a	≥1.10 Positive ( previous or current
ANTIBODY - IGG	MYPG	MYCO IGG	86738	(Min) 3 mL blood	Gel (Gold)	Core	Positive: > 1.10	EIA	week	infection)
				,	` '		_			, and the second
										Index Value Interpretation:
										≤ 0.90 Negative (no previous infection)
							Index Value			0.91-1.09 Equivocal (recommend
						Clinical	Negative: ≤ 0.90			repeat testing)
MYCOPLASMA				5 mL blood	Red Top with	Immunology,	Equivocqal: 0.91 - 1.09		R = once a	≥1.10 Positive ( previous or current
ANTIBODY - IGM	MYPM	MYCO IGM	86738	(Min) 3 mL blood	Gel (Gold)	Core	Positive: ≥ 1.10	EIA	week	infection)
				, , , , , , , , , , , , , , , , , , , ,	( , , , ,					
			87109	Cervical Swab						
MYCOPLASMA CULTURE			87076	Vaginal swab		Reference Lab		Standard culture		Mycoplasma hominis, ureaplasma and
UROGENITAL CULTURE	MYCO	not orderable	87081	Urethral swab.	Culturette	(Quest)	Negative	method		urealyticum
MYELIN ASSOCAITED						Reference Lab				
GLYCOPROTEIN	MAGDU	MAG ANTIBODY	83520	3 mL blood	Red Top Vac	(Quest)	See Report	EIA		Sent out.
MYELIN BASIC PROTEIN		CSF MYELIN BASIC		2 mL CSF	Sterile plastic	Reference Lab				Sent out. Ship
(CSF)	CMYEL	PROTEIN	83873	(1.1 mL Min.)	CSF tube	(Quest)	See Report	RIA	R = 3-5 days	Frozen
, ,	-			,		Special				
		ĺ		Bone Marrow or	Lavender Top	Hematology,				
MYELOPEROXIDASE			88319	3mL blood	Vac	RIH		Cytochemical	R = 24 hrs.	
		1				Clinical				
					Red Top with	Immunology,			R = once a	
MYELOPEROXIDASE AB	MYPER	Myeloperoxidase Ab	83516	3 mL blood	Gel (Gold)	Core	<20 Units	EIA	week	
MYOGLOBIN		,,		5 mL blood	Red Top with	Reference Lab				
Serum	MYO	MYOGLOBIN	83874	(Min) 3 mL blood	Gel (Gold)	(Quest)	See Report	RIA	R = T & Fri	Sent out.
		5 5205		,, : 5.000	Clean plastic	, , , , , , , , , , , , , , , , , , , ,		·		
MYOGLOBIN		URINE MYOGLOBIN			(100 mL) urine	Reference Lab		Fixed Time		Sent out. Sample should be frozen
Urine	UMYO	RANDOM	83874	Random urine	container	(Quest)	See Report	Nephelometry		prior to shipping.
00	OWITO	TUINDOM	00017		oo.namoi	(~3001)	COO TOPOIT	i top notonion y		buor to subband.
		ĺ				I				Toxic: >15 ug/mL
MYSOLINE (Primidone)		MYSOLINE AND	80188			Toxicology,	Therapeutic Range:	Enzyme Immunoassay	R - M-Sat	Phenobarbital is performed and
See Comments	MYSO	PHENOBARB	80184	3 mL blood	Red Top Vac	RIH	5-12 ug/mL	(EMIT)	S = 2  hrs.	charged on all requests for Mysoline.
OCC COMMISSING	WITOO	NASAL STAPH	00104	o me blood	Copan Double	1301	o iz ag/iiic	Rule out MRSA and	R = 48HRS	onargod on an requests for mysoline.
Nasal Screen	CXNAS	SCREEN	87081	Nasal Swab	Swab	Microbiology	Negative	Staph aureus only	S = N/A	
Ivasai Sciecii	UNINAG	SUNLLIV	07001	i vasai Swab	Uwau	iviiciobiology	INGGALIVE	Otapii auteus only	0 = 1V/A	

	LIS ORDER				: : : : : : : : : : : : : : : : : : : :				Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
Nasal Screen for MRSA	CXMRS	MRSA SCREEN	87081	Nasal Swab	Copan Double Swab	Microbiology	Negative	MRSA Culture	R = 48HRS S = N/A	First incidence of a positive result is called for Inpatients only. Only cultured for Methicillin Resistant Staph Aureus.
NATURAL KILLER CELL		NATURAL KILLER CELL	88184			Reference Lab				Mblood must be drawn Monday - Thursday between Noon - 2PM and received in the laboratory no later than 3:30 PM, to meet Viracor's stability
FUNCTION	KILER	FUNCTION	88185x2	12 mL Blood	ACD	(Viracor)	See Report	Flow Cytometry	R = 1 week	requirement.
						Special	NET 50			
NBT (Spontaneous)	SNBT	not orderable	86384	Fingerstick		Hematology, RIH	NBT < 5% Endo Stimulation > 25%	Cytochemical	R = 24 hrs. S = N.A.	Schedule by calling x4-8342, unavailable for ordering on Invision.
NEEDLE ASPIRATION BIOPSIES (FOR TUMOR CELLS)		761 31 35 45 45	0000	. mgoroux		Cytology	200	- Control of the Cont	GYN Tests R= 2-3 weeks Non-GYN Tests R = 2 days S = 4-8 hrs	See Cytology Section
NEEDLE ASPIRATION SMEARS OF SUBCUTANEOUS FAT FOR AMYLOID					"Do Not" bring syringe with needle attached to Pathology. Label each slide on the side of the smear where tissue is present with patient name.	Surgical Pathology	NBT 5% Endo Stimulation 25%			Aspirate ABO fat pad using "18"-"20" gauge needle. Smear contents of syringe on at least 6-8 glass slides making sure there are small tissue particles. Deliver dried smears to Surgical Pathology.
NERVE BIOPSY						Histology			Histology: w/l 7 days EM: 72 hrs	See Histopathology Section.
NEURONTIN (CARADENTIN)	NEUD	NEUBONTIN I EVE	82491	E ml. blood	Lavender Top Vac	Reference Lab	Coo Donort	HPLC	D F 7 dovo	Sont out
(GABAPENTIN)  NEUTROPHIL OXIDATIVE BLAST	NEUR VNOB	NEURONTIN LEVEL  NEUTROPHIL OXIDATIVE BLAST	82657	5 mL blood 5 mL Blood	Special Tube obtained from Sendout Lab : Sodium Heparin	(Quest)  Reference Lab (Viracor)	See Report See Report	FIFE	R = 5-7 days  R = 1 week	Sent out.  Samples may only be collected Monday - Thursday. In addition, it is recommended that a control specimen be included from a healthy individual as a shipping control.
NITROGEN, TOTAL 24hr (24 hr creat included)	UNIT2	U NITROGEN 24hr	84540	24 hr urine	Clean plastic (2 L) urine container with 25 mL 6N HCL Drainage: 10 mL 6N HCL	Chemistry, RIH	Diet dependent	Chemiluminescence	R = 7 days	Refrigerate sample during collection. Preservative should be added prior to sample collection. Freeze sample.
					Bone Marrow or	Special				
NON SPECIFIC ESTERASE			88319	Bone marrow or EDTA blood	Lavender Top Vac	Hematology, RIH		Cytochemical	R = 24 hrs.	
LUILINAUL			00318	ED 14 01000	vac	Toxicology,		Cytochemical	11 = 24 1115.	
NOREPINEPHRINE						RIH			R = Weekly	See Catecholamine
NORPACE (DISORVE AMIDE)	DICCE	DISOPYRAMIDE	00404	5 mL blood	Dad Tax Mar	Reference	Can Danast		D 04 15	
(DISOPYRAMIDE)  NORPRAMIN	DISOP	NORPACE	82491	(Min) 3 mL blood 10 mL blood	Red Top Vac	Lab, Quest Toxicology,	See Report Therapeutic Range:	Enzyme Immunoassay High Performance Liquid	R = 2-4 days R = Tu & F	
(Desipramine)	DESIP	DESIPRAMINE LEVEL	80160	(Min) 5 mL blood	Red Top Vac	RIH	150-250 ng/mL	Chromatography High Performance	S = 8 hrs.	Test performed Tu & F P.M
NORTRIPTYLINE (Pamelor)	NOR	NORTRIPTYLINE	80182	10 mL blood (Min) 5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 50-150 ng/mL	Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic : > 500 ng/mL Test performed Tu & F P.M

Test NAME   NAME   NAME   PROJECT   COMMENTS   COMMEN		LIS ORDER	[::::::::::::::::::::::::::::::::::::::	[:::::::						Turnaround	
Control of Recompany	TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD		COMMENTS
Collection RX   Sepectation must be placed in Not Department of the place in Not Department		NASCT		87591	Nasal Swab	Collection Kit available from Stores Specimen must be placed in tube prior to delivery to	Microbiology	Negative	Amplification		Positive results on patients <14. Blue swab should be submitted in Gen- Probe collection kit for analysis.
NTELOPEFFIDE		NASGC		87591	Nasal Swab	Collection Kit available from Stores Specimen must be placed in tube prior to delivery to	Microbiology	Negative	Amplification		Positive results on patients <14. Blue swab should be submitted in Gen- Probe collection kit for analysis.
COLLAGEN X-LINED   CORGSS LINK   LINTEO   CROSS LINK   LINTEO		ļ									
NTX OSTECHMARK UNTEC CCROSS LINK NUCLEAR MATRIX PROTEINS		LINTEO			15 ml urino	Urina Cantainar		Coo Bonort	CIA	D 2.4 dovo	
NIX CEROMARK  UNITED  CROSS LINK  NUCLEAR MATRIX  PROTICINS (MINP)  NUCLEAR MATRIX  PROTICINS (MINP)  NUCLEAR MATRIX  PROTICINS (MINP)  NUCLEAR MATRIX  PROTICINS (MINP)  NUCLEAR MATRIX  PROTICINS (MINP)  NUCLEOTIDASE S  SNUC  SN	COLLAGEN X-LINKED	UNTEU		82570	15 ML urine	Orine Container	(Quest)	See кероп	CIA	R=3-4 days	Reingerate sample.
PROTEINS (NMP)   NMP	NTX OSTEOMARK	UNTEO									See N-Telopeptide Collagen X-linked
NUCLECTIONSE 5 SNUC 5 NUC 83915 3 mL blood Vac (Quest) See Report Kinetic R = 3-5 days Sent out.  OB 3 Hour Glucose Toterance GL3O1 3HR OB TOLERANCE 82952* 5 mL Blood per farew with Gel (Mint) Code 82952 with G		NMP		86316	Urine	22 Collection Kit	(Quest)	See Report	Immunoassay	R=7-10 days	
OB 3 Hour Glucose Tolerance Carring for Women GL3O1 3HR OB TOLERANCE 82952* draw with Gel (Mmt) Chemistry With Gel (Mmt) Chemistry See Report Glucose Oxidase S = Thour All Chemistry See Report Glucose Oxidase S = Thour All Chemistry See Report Glucose Oxidase S = Thour All Chemistry See Report Slood Glucose Oxidase S = Thour All Chemistry See Report Slood Glucose Oxidase S = Thour All Chemistry See Report Slood Glucose Oxidase S = Thour All Chemistry See Report Slood Glucose Oxidase S = Thour All Chemistry Slood All Chemistry Slood Sloo	NUICI FOTIDACE EL	ENILIO.	5 NU 10	02045				Can Daniel		D. O.E.davia	Cont and
OB 3 Hour Glucose Tolerance Caring for Women GL301 3HR OB TOLERANCE 82951 draw Green Top Vac Garge for Women GLICOSE GALLENSE GALLEOSE GALLENSE GALLEOSE GAL	NUCLEOTIDASE 5	5NUC	5 NUC	83915	3 mL blood	Vac	(Quest)	See Report	Kinetic	R = 3-5 days	
GB GLICOSE GDMINUTE CHAILENGE GB Minute Chailenge GLICH CHALLENGE OB Minute Chailenge GLICH CHALLENGE OB Minute Chailenge GLICH CHALLENGE OB CHALLENGE OB CHALLENGE OB S2951 Sml. Blood Gastric contents, Gastric contents, Chemistry Negative Colorimetric Chemistry Negative Colorimetric R = 2 hours  Requires both CSF and blood collected at the same time. If only one of the samples is received, notify ordering physician for instructions on how to [CSF tube CGSF tube CGSF USD ORGAN DONOR CRAN DONOR CRAN DONOR CROWN DONOR C	Tolerance	GL3O1	3HR OB TOLERANCE		•		Chemistry	See Report	Glucose Oxidase		and 180 minute collection.
CHALLENGE 6Minute Challenge GLCH CHALLENGE OB 6Minute Challenge GLCH CHALLENGE OB 6Minute Challenge GLCH CHALLENGE OB 6Minute Challenge GLCH CHALLENGE OB 6Minute Challenge GLCH CHALLENGE OB 62501 Stool Gartic contents. Final Blood Stool Gartic contents. Final Blood Fina		OLOO I	GIIN OB TOLLIVINOL	OZOOZ	araw.	with Ger (wint)	Chemistry	occ report	Cideose Chidase		
Stool Gastric contents, Plastic urnie container.  Chemistry Negative Colorimetric R = 2 hours  Requires both CSF and blood collected at the same time. If only one of the samples is received, notify ordering physician for instructions on how to (CJSF)  COLIG CSF OLIGOCLONAL 88916 5 ml. Blood Red Top Vac (Quest)  ONE, 25-DIHYDROXY-VITD1 VIT D 1 25 82652 (Min) 1 ml. blood Red Top Vac (Quest)  ORGAN DONOR CMV AB Cytomagalovirus Total Ab DCMV CYTOMEGALOVIRUS AB R6644 3.0 ml. blood Gel (Gold)  ORGAN DONOR HCV (Hepatitis C Ab) See Comments  ORGAN DONOR ROW AB Comments  DHEPC ORGAN DONOR AB CORGAN DONOR HCV (Hepatitis C Ab) AND See Comments  ORGAN DONOR HEPATITIS B CORE AB 86704 3 ml. blood Red Top Vac (Quest)  ORGAN DONOR HEPATITIS B CORE AB 86704 3 ml. blood Red Top Vac (Quest)  ORGAN DONOR HEPATITIS B CORE AB 86704 MID NONOR HEPATITIS B CORE AB 86704 MID NONOR HEPATITIS B CORE AB 86704 MID NONOR HEPATITIS B UNDONOR HEPATITIS B UNDONOR HEPATITIS B CORE AB 86704 MID NONOR HEPATITIS B SUrface AG HEPATITIS B SUrface AG HEPATITIS B SUrface AG HEPATITIS B SUrface AG HEPATITIS B SURface AG HEPATITIS B SUrface AG HEPATITIS B SURface AG HEPATITI	CHALLENGE					Green Top Vac				S = 1hour	1 Hour Challenge for Gestational
CCCULT BLOOD OCC OCCULT BLOOD 82270 etc. Container. Chemistry Negative Colorimetric R = 2 hours  Requires both CSF and blood collected at the same time. If only one of the samples is received, notify ordering physician for instructions on how to physician for instructions on how to physician for instructions on how to proceed. Ship Frozen. Sent out.  ONE, 25-DIHYDROXY- VITD1 VIT D 1 25  ORGAN DONOR CMV AB Cyromegaldowns Total Ab Cyrom	60 Minute Challenge	GLCH	CHALLENGE OB	82951			Chemistry	<130 mg/dL	Glucose Oxidase	R = 4 hours	Diabetes
Sterile plastic OLIGOCLONAL BANDS (CSF) COLIG CSF OLIGOCLONAL B3916 Sm. CSF COLIG CSF tube Reference Lab (CSF) Reference Lab (Cuest) Red Top Vac Cytonigalovirus Total Ab Cytomegalovirus Total Ab Cytomegalovirus Total Ab Cytomegalovirus Total Corgan Donor Reference Lab Co		000	OCCULT BLOOD	92270	Gastric contents,	Plastic urnie	Chomistry	Nogativo	Colorimetric	P = 2 hours	
ONE, 25-DIHYDROXY- VITD1 VITD 1 VITD 1 25 82652 (Min) 1 mL blood Red Top Vac (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) See Report Radioreceptor Assay R = 3-5 days Room Temperature Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) See Report Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Reference Lab (Quest) Re	OLIGOCLONAL BANDS				2.5 mL CSF	Sterile plastic CSF tube	Reference Lab	-			at the same time. If only one of the samples is received, notify ordering physician for instructions on how to
ORGAN DONOR CMV AB Cytomegalovirus Total Ab Cytomegalovirus Total Agglutination R = 2-3 days Cytomegalovirus Total Agglutination R = 2-3 days Cytomegalovirus Total Agglutination R = 2-3 days Cytomegalovirus Total Agglutination R = 2-3 days Cytomegalovirus Total Agglutination R = 2-3 days Cytomegalovirus Total Agglutination R = 2-3 days Cytomegalovirus Total Agglutination R = 2-3 days Cytomegalovirus Total Agglutinatio	VITAMIN D3	VITD1	VIT D 125			Red Top Vac	(Quest)	See Report	Chromatography,	R = 3-5 days	Room Temperature
ORGAN DONOR HCV (Hepatitis C Ab) See Comments DHEPC CON 86803 3 mL blood Red Top Vac (Quest) See Report Enzyme Immunoassay R = 2-3 days This test code is for Organ Donor specimens only (Renal, Bone Marrow, Specimens only (Renal, Bone Marrow, Bone Marrow, Specimens only (Renal, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow, Bone Marrow,	ORGAN DONOR CMV AB	DCMV		86644	3.0 mL blood		Reference Lab	See Report		R = 2-3 days	This test code is for Organ Donor specimens only (Renal, Bone Marrow,
See Comments DHEPC CON 86803 3 mL blood Red Top Vac (Quest) See Report Enzyme Immunoassay R = 2-3 days Stem Cell, Sperm etc.)  ORGAN DONOR HEPATITIS B CORE Total Antibody See Comments DHEBC HEPATITIS B CORE AB 86704 3 mL blood Red Top Vac (Quest)  ORGAN DONOR HEPATITIS B CORE AB 86704 3 mL blood Red Top Vac (Quest)  ORGAN DONOR HEPATITIS B Surface AG HEPATITIS B AG AND  Reference Lab	ORGAN DONOR HCV	-	ORGAN DONOR			(,	, ,	-1	00 1 1 1 1 1	, , -	
ORGAN DONOR HEPATITIS B CORE Total Antibody See Comments  ORGAN DONOR HEPATITIS B CORE AB B6704  3 mL blood Red Top Vac Reference Lab				, , l					L .		
HEPATITIS B CORE Total Antibody See Comments  DHEBC  DHEBC  DRGAN DONOR HEPATITIS B CORE AB  86704  3 mL blood  Red Top Vac  Reference Lab (Quest)  Reference Lab  See Report  Enzyme Immunoassay  R = 2-3 days  This test code is for Organ Donor specimens only (Renal, Bone Marrow, Stem Cell, Sperm etc.)  This test code is for Organ Donor specimens only (Renal, Bone Marrow, Stem Cell, Sperm etc.)  This test code is for Organ Donor specimens only (Renal, Bone Marrow, Specimens only (Renal, Bone Mar		DHEPC	CON	86803	3 mL blood	Red Top Vac	(Quest)	See Report	Enzyme Immunoassay	R = 2-3 days	Stem Cell, Sperm etc.)
ORGAN DONOR HEPATITIS B Surface AG  ORGAN DONOR HEPATITIS BS AG AND Reference Lab This test code is for Organ Donor specimens only (Renal, Bone Marrow,	HEPATITIS B CORE Total Antibody	DHEBC		86704	3 mL blood	Red Top Vac		See Report	Enzyme Immunoassay	R = 2-3 days	specimens only (Renal, Bone Marrow,
See Comments DHEPB CON 87340 3 mL blood Red Top Vac (Quest) See Report Enzyme Immunoassay R = 2-3 days Stem Cell, Sperm etc.)	ORGAN DONOR HEPATITIS B Surface AG		ORGAN DONOR HEPATITIS BS AG AND				Reference Lab				This test code is for Organ Donor specimens only (Renal, Bone Marrow,

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
ORGAN DONOR HTLV- I / II AB SCREEN	DHTLV	ORGAN DONOR HTLV I II DNA	86790	7 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	EIA	R = 5-7 days	This test code is for Organ Donor specimens only (Renal, Bone Marrow, Stem Cell, Sperm etc.)
ORGANIC ACIDS by GC/MS	UORG	U ORGANIC ACID	83918	5-10 mL urine	Clean plastic (100 mL) urine container. Freeze if possible or refrigerate.	Chemistry, NEMC	See Report	Gas Chromatography/ Mass Spectrometry		
OROTIC ACID	UORO	U OROTIC ACID	82130	5-10 mL random urine	Clean plastic (100 mL) urine container	Reference Lab (Quest)	See Report	Colorimetric		Sent out. Ship Frozen
OSMOLALITY Fecal	STOSM	F OSMO	83935	Random stool	Clean plastic container	Chemistry, RIH		Freezing Point Depression	R & S = 4 hr	
OSMOLALITY SERUM	OSMO	OSMOLALITY SERUM	83930	3.5 mL blood	Green Top Vac with Gel (Mint)	Chemistry	290-300 mOsm/Kg H <sub>2</sub> O	Freezing Point Depression	R & S = 2 hr.	
OSMOLALITY Urine	UOSMO	U OSMO	83935	Random urine	Clean plastic (100 mL) urine container	Chemistry		Freezing Point Depression	S = 2 hr.	
OSMOTIC FRAGILITY Incubated	OSFRA	OSMOTIC FRAG	85557	10 mL blood Whole Blood Required	Green Top Vac Na Heparin	Reference Lab	See Report.	SP		Do not open collection tube. Samples must be received Monday - Thursday. Stable in refrigerator only 48 hours.
OSTEOCALCIN	OSTEO	OSTEOCALCIN LEVEL	83937	5 mL blood	Red Top Vac	Reference Lab (Quest)	See report.	ECLIA	R = 3-5 days	Sent out. Freeze serum as soon as possible.
OSTEOMARK							,			See N-Telopeptide Collagen X-linked
OVA AND PARASITES	OP1	NOT ORDERABLE	87177	Stool - NOT SWABS. (Other specimens call Lab)	Leakproof container	Reference Lab	Negative	Standard lodine/Trichrome Stains	R = 4 days	Only 1 O&P may be ordered per day. O&P will be performed on specimens obtained from patients after their third hospital day only if physician obtains verbal authorization from a Microbiolgist tech. Submit 3 specimens over 7-10 days. All samples should be labelled and dated.
		OVARIAN AB SCRN		5 mL blood (Min)		Reference Lab			R = 10 days	If Positive, Quest will reflex titer and
OVARIAN AB  OXALATE 24 hour Urine	OVAB	w TITER  U OXALATE 24hr	86255 83945	3 mL blood 24 hr urine	Red Top Vac Clean plastic (2 L) urine container with 25 mL 6N HCL (Ped): 3-5 mL 6N HCL	(Quest)  Toxicology, RIH	Negative Adult Male 7-44 mg/24hr Adult Female 4-31 mg/24 hr Children 13-38 mg/24 hr	Enzymatic, Colorimetric	R = Fri. (Biweekly) S = 8 hrs.	CPT 86256 will be billed.  Refrigerate sample during collection.  Preservative should be added prior to collecting sample.
OXAZEPAM	OXAZ	OXAZEPAM	80154	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: 0.2-1.4 µg/mL	High Performance Liquid Chromatography	R = Weekly S = 8 hrs.	Toxic: >2.0 µg/mL
OXCARBAZEPINE (Trileptal)	OXCAR	OXCARBAZEPINE LEVEL	82491	5 mL Blood	Red Top Vac	Reference Lab (Quest)	See Penort		R= 5-7 days	
P1 TYPING (Alpha-1-Antitrypsin and Mutation Analysis)	P1TP	ALPHA 1 ANTITRYP AND P1 TYPING	81332	5 mL Whole Blood 3 mL Serum	Red Top Vac and Lavender Top Vac	Reference Lab	See Report	Fixed Rate Time Nephelometry and Fluorescent Restriction Fragment Length Polymorphism	R = 10-12 days	Sent out. Test code 17307X. Whole Blood at Room Temp and Serum Refrigerated.
PANCREATIC ELASTASE- 1	PELAS	PANCREATIC ELASTASE 1	82656	5 grams undiluted Stool	Clean leakproof container	Reference Lab (Quest)	See Report	Immunoassay		Sent out. Store and ship refrigerated
PANCREATIC POLYPEPTIDE (PP)	PPOLY	PANCREATIC POLYPEPTIDE	83519	5 mL blood	Lavender Top Vac	Reference Lab (Quest)	See Report	Extraction, RIA	R = 3-5 days	Ship plasma frozen on dry ice. Sent out.
PAP	FFULI	POLIFERIDE	03313	5 IIIL DIOOG	vac	(Anest)	осе перин	LAUGUIUI, NA	1 = 3-3 uays	See Acid Phostase Prostatic Reflexive Rule : If PAP is ASCUS , a
PAP SMEAR (Papanicolaou)						Cytology				HPV will be reflexively ordered and billed separately

	LIS ORDER		1						Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
PARAINFLUENZA		OMO ONDER WAINE	Or r couc	OI LOIMLIY	CONTAINEN		KEI EKENOE KANOE	M-211100	rinio	JOHN LETTO
ANTIBODIES		PARAINFLUENZA				Reference Lab				
(Type 1,2, and 3)	PARAI	VIRUS SO	87252x2	5 mL blood	Red Top	(Quest)	See Report	Complement Fixation	R = 3-5 days	Cont out
(Type 1,2, and 3)	FANAI	VINOS 30	0123232	3 IIIL DIOOG	Red Top	(Quesi)	See Report	Complement Fixation	K = 3-3 days	Jent out.
PARATHYROID										
HORMONE (PTH) INTACT	DTU	DT//								S. DTU
MOLECULE (IRMA)	PTH	PTH								See PTH
PARATHYROID RELATED										
HORMONE										See PTH Related Hormone
						Clinical		Indirect		
PARIETAL CELL		ANTI PARIETAL CELL			Red Top with	Immunology,		Immunofluorescence	R = once a	
ANTIBODY	APCA	ANTIBODY	86256	5 mL blood	Gel (Gold)	Core	< 1:20	(IFA)	week	
										They must be received at RIH Special
										Hematology Lab Monday - Thursday 7
PAROXYSMAL						Special				AM to 4:30 PM or by Noon on Fridays.
NOCTURNAL				5 mL Blood Whole	Lavender Top	Hematology,				Friday availability is not open to
HEMOGLOBINURIA			88180	Blood	Vac	RIH		Flow Cytometry	R = 24 hrs.	Outreach.
					Pearl or	1		,,		
			l		Lavender Top	Reference Lab				Separate within 2 hours of collection.
PARVOVIRUS by PCR	PARPC	PARVOVIRUS BY PCR	87798	5 mL Blood	Vac	(Quest)	See Report	PCR		Freeze Plasma.
PARVOVIRUS B-19	TARTO	PARAVOVIRUS	01130	3 IIIE Blood	vac	Reference Lab	See Report	I OIX		Treeze Flasma.
	PARVO	B-19 IGG and IGM	86742	5 mL blood	Red Top Vac	(Quest)	Soo Poport	EIA	D = 2 E douc	Sont out
ANTIBODIES (IgG/IgM)	PARVU	B-19 IGG and IGM	86742	5 ML DIOOG		, ,	See Report	EIA	R = 3-5 days	Sent out.
					Lavender Top	Special				
				Bone marrow or	Vac or Bone	Hematology,				
PAS			88319	blood	Marrow	RIH		Cytochemical	R = 24 hrs.	
Peanut Molecular		uKnow Peanut Molecular								
Component Panel	PEACO	Comp								See uKnow Peanut Molecular Comp
										Also known as Skin antibodies,
PEMPHIGOID						Reference Lab				Epidermal antibodies and Skin
ANTIBODIES	EPIDE		86256	5 mL blood	Red Top Vac	(Quest)	See Report		3-5 days	basement membrane antibodies.
				5 mL blood		Toxicology,	Therapeutic Range:		R = M-Sat	
PENTOBARBITAL	PENTO	PENTOBARBITAL	82491	(Min) 3 mL blood	Red Top Vac	RIH	1.0 - 3.0 ug/mL	Gas Chromatography	S = 8  hrs.	Toxic: > 5.0 ug/mL
					Lavender Top	Special				
PERIODIC ACID SCHIFF				Bone marrow or	Vac or Bone	Hematology,				
STAIN			88319	blood	Marrow	RIH		Cytochemical	R = 24 hrs.	
PEROXIDASE (Myelo)										See Myeloperoxidase
										, , , , , , , , , , , , , , , , , , ,
					Sterile Polyester					
					NP swabs					
					placed in Regan				R = 1 week	
			l		Lowe Media	I			for culture,	
Pertussis PCR and			l	2 Polyester NP	obtained from	Referance Lab				Sent to the Rhode Island Department of
	DBORD	BORD PERT PCR	87265	2 Polyester NP swabs	lab	- RIDOH	Negative	PCR and Culture	S= N/A.	Health
Culture	חאטאט	DUKU PEKT PCK	87200	SWaDS	iau	- אוטטח	Negative	FCR and Culture	S= IV/A.	пеаш
			l		I	I				Reflexive Rule: If a CBC isn't ordered
			l		I	I				with this test, a Platelet (85595) and
			1		1	1				
			l		I	I				HCT (85014) will be reflexed and billed.
			l		I	I	Collagen Epinepherine :			Outreach should send STAT to TMH.
				13mL blood (total)	1	1	75- 195 second			Sample stable for 3 hours.
		PLATELET FUNCTION		Whole Blood	2 Blue and 1	1	Collagen ADP :			Do not place on ice or centrifuge.
PFA 100	PFA	ASSAY	85576x2	Required	Lav Top Vac	Coagulation	70 - 120 seconds	High Shear flow	R = Daily	Test available 24/7.
							Positive = Mature			
PG AMNIOSTAT					1	1	Negative = Immature			
NEWPORT HOSPITAL	PG	PG AMNI NH	84081	5 mL Blood	Red Top Vac	Chemistry, NH	Borderline	Latex Agglutination	R = 2 hrs.	Newport Hospital only.
			İ		Labeled	<u>, , , , , , , , , , , , , , , , , , , </u>			<b>†</b>	· · · · ·
					heparinized	1				
			l		syringe on ice .	I				
			1		Please remove	1				
			l			I				
			l	2 mL fluid ON	needle and	I		Diseast aleastered a		Callant an applicable in base size of
		1	1	Z IIIL IIUIU UN	place cap on	1	1	Direct electrode	1	Collect anaerobically in heparinized
pH (pleural fluid)	BFPH	BF pH	83896	ICE	syringe.	Chemistry	pH 7.6-7.68	measurement	R = M-F	syringe

	LIS ORDER			1					Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
PHENOBARBITAL	PNOB	PHENOBARBITAL LEVEL	80184	3 mL blood (Min) 0.5 mL blood	Green Top Vac	Chemistry	Therapeutic Range: 15-40 µg/mL	PETINIA	R = 4 hrs. S = 1 hr.	Critical: >80 µg/mL (First incidence only) The peak level varies between 4 to 10 hours in different individuals, so the trough level drawn just before the administration of the next does is indicative of the overall effect of the drug.
					` ,					Ŭ .
PHENTERMINE	PHENT	PHENTERMINE	82491	5 mL blood (min) 3 mL blood	Red Top Vac Green Top Vac	Toxicology, RIH	Therapeutic range: 90 - 510 ng/mL Normal ranges are age	Gas Chromatography/ Mass Spectrometry	R = Weekly	Toxic: Undeterrmined
PHENYLALANINE	PHE	PHENYLALANINE PKU		5 mL blood (min) 3 mL blood	on ice Whole Blood	Toxicology, RIH	dependent. See Report.	Spectrophotometric	R=Th	Assay performed on <b>Whole Blood</b>
PHENYLPROPANOLAMINE	PPA	PHENYLPROPAN- OLAMINE	82491	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 30 - 480 ng/mL	Gas Chromatography/ Mass Spectrometry	R = Weekly	Toxic: > 1000 ng/mL
PHENYTOIN (Dilantin)	DIL	DILANTIN	80185	3 mL blood	Green Top Vac	Chemistry	Therapeutic range: 10-20 ug/mL	PETINIA	R = Daily S = 1 hr.	Critical Value: >30 µg/mL (First incidence only) Peak serum levels are reached in 1.5 - 3 hours post dose for regular formulations and 4 - 12 hours after slow releasing formulations.  Critical Range: ≤ 1.0 mg/dL Test
PHOSPHORUS	PHOS	PHOSPHORUS LEVEL	84100	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry	2.4 - 4.8 mg/dL	Phosphomolybdate Rate Method	R = 4 hrs.	Cannot be performed on hemolyzed sample.
PHOSPHORUS 12 hr urine	UPO12	U PHOSHORUS 12 HR	84105	12 hour urine	Clean plastic (2 L) urine container	Chemistry		Phosphomolybdate Rate Method	R = daily	Refrigerate specimen during collection.
PHOSPHORUS 24 hr urine	UPO24	U PHOSHORUS 24 HR	84105	24 hour urine	Clean plastic (2 L) urine container	Chemistry		Phosphomolybdate Rate Method	R = daily	Refrigerate specimen during collection.
PHOSPHORUS Random Urine	UPHOR	U PHOSPHORUS RANDOM	84105	Random urine	Clean plastic (100 mL) urine container	Chemistry		Phosphomolybdate Rate Method	R = daily	
Pinworm (Scotch tape test)	PINW	PARASIT ID PINWORM TAPE TEST	87172	Paddle collection kits or CLEAR Scotch tape on slides.No Frosted Tapel	Slide in envelope	Microbiology	Negative	Light Microscopy	R = 24 - 48 hrs.	Forwarded to State Lab. Press sticky side scotch tape to perianal area with tongue depressor (best done pre-bathing in early A.M) Remove tape and place on glass slide sticky side down. Cover with a second slide and transport in envelope to avoid contamination. M - F.
PLAVIX (CLOPIDOGREL EFFECT DETECTION)	CLEFF	CLOPIDROGREL EFFECT DETECTION	85576	6 mL Blood	1 Blue Top & 1 Lavender Top Vac	Coagulation	Normal >195 PRU (<20% inhibition) Clopidogrel Effect Present <195 PRU (>20% inhibition)	Turbidometric Optical		Reflexive Rule effective 2/3/11: If a CBC isn't ordered with this test, a Platelet and HCT will be reflexed. Blood must be received in lab within 2 hours. Do not place on ice or centrifuge. Available daily 7 AM to 10 PM
PLATELET AGGREGATION	PLTAG	not orderable		20 mL Blood	3 Blue Top Vac 1 Lavender Top Vac	Coagulation, RIH	See Interpretation	PLT Aggregometry	R = 2 hrs.	Call 444-5560 to schedule an appointment. Patient must be off all medications.  Test performed M-F
PLATELET ANTIBODY SCREEN	APAD	ANTIPLATELET AB DIR				Reference Lab (Quest)				See Anti-Platelet Ab
PLATELET COUNT	PLT	PLATELET COUNT	85595	3 mL Blood Whole Blood Required	Lavender Top Vac	Hematology	150,000 - 400,000/mm <sup>3</sup>	Automated count	S = 1 hour	Critical Values: > 1,000,000 or < 20,000 and then again if < 10,000 or < 150,000 with >50,000 decrease
PLEURAL FLUID CELL COUNT	PLCC			Pleural fluid	Lavender Top Vac	Urinalysis		Chamber Count, Cytospin, Wright's Stain	R = < 5 hrs. S = 1 hr.	

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
PLEURAL FLUID					l avendar Tan			Chamber Count,	D . 5 b	
DIFFERENTIAL	PLDIF			Pleural fluid	Lavender Top Vac	Urinalysis		Cytospin, Wright's Stain	R = < 5  hrs. S = 1  hr.	
PNEUMOCOCCOL AB	i LDII			i lediai lidia	vac	Reference Lab		Otalii	R = 7-10	
PANEL (12 Serotype)	PNEAB	PNEUMOCCAL AB	86609 x11	5 mL blood	Red Top Vac	(Quest)	See Report	EIA	days	Sent out.
, ,,,,		BRONCHIAL		Bronchio-Alveolar	·	,	,			
Pneumocystis carinii		PNEUMOCYSTSIS PCP		Lavage or Induced	Sterile leakproof				R = 4 hrs.	Critical Value: Positive.
(Giroveci) DFA	DFPCP	DFA	87281	Sputum	container	Virology, RIH	Negative	DFA Stain	S = 2 hr.	Available M-F, AM shift only.
POLIO SEROLOGY	POLIO	POLIO AB	070500	Carl blood	Dad Tan Van	Reference Lab	Can Damant	Carralament Fination	D 0.5 davia	Comt and
(Type 1-3 AB)	POLIO	PULIU AB	87252 x3	5 mL blood	Red Top Vac	(Quest) Reference Lab	See Report	Complement Fixation	R = 3-5 days	Sent out.
POLIOVIRUS ANTIBODY		POLIO AB				(Quest to		Tissue Culture /	R = 7 - 10	
NEUTRALIZATION	POLIN	NEUTRALIZATION	86382 x3	5 mL blood	Red Top Vac	Focus)	See Report	Neutralization	days	Sent out.
					Clean plastic					Must be performed on fresh specimen.
PORPHOBILINOGEN	LIDDO	URINE	04400	B I	(100 mL) Urine	Toxicology,	Manager	0.1	R = M-Sat	Specimen must be sent STAT to
(Urine)	UPBG	PORPHOBILINOGEN	84106	Random urine	Container	RIH	Negative	Colorimetric	S = 4 hrs.	Toxicology Lab.
PORPHYRINS							Coproporhyrin:			Refrigerate specimen during collection.
Coproporphyrin &					Clean plastic	1	0-95 mcg/24 hr			Sample MUST NOT be acidified.
Uroporphyrin					(2 L) urine	Toxicology,	Uroporphyrin:		R = M-F	Sample must be transported STAT
( 24 Hr Urine)	UPOR	U PORPHYRIN 24HR	84120	24 hr urine	container	RIH	0-20 mcg/24 hr	Spectrophometry	S = 8 hrs.	to Toxi Lab M-F 8:30 A.M to 3:00 P.M
PORPHYRINS						_				Control MUCT NOT he acidified
Coproporphyrin &		U PORPHYRIN			Clean plastic (100 mL) Urine	Toyigalaa			R = M-F	Sample MUST NOT be acidified.  Sample must be transported STAT
Uroporphyrin ( Random Urine)	UPORR	RANDOM	84120	Random urine	Container	Toxicology, RIH		Spectrophometry	S = 8  hrs.	to Toxi Lab M-F 8:30 A.M to 3:00 P.M
( Nandom office)	OI OIKIK	NANDOW	04120	random dime	Clean plastic	IXIII		Ореспорношену	0 = 0 1113.	to Toxi Eab in-1 0.30 A.in to 3.00 L.in
POTASSIUM					(2 L) urine					
12 hr Urine	UK12	U POTASSIUM 12HR	84133	12 hr urine	container	Chemistry		Indirect ISE	R = daily	Refrigerate during collection.
					Clean plastic	1				
POTASSIUM	111/04		04400	041	(2 L) urine	Q1		1	D 1-"	Define the desire collection
24 hr Urine	UK24	U POTASSIUM 24HR	84133	24 hr urine	container	Chemistry		Indirect ISE	R = daily	Refrigerate during collection.
						1				Critical Values : Potassium > 6.0 mEq/L
						1				Potassium < 3.0 mEq/L Test
POTASSIUM					Green Top Vac		Adults:		R = 4 hrs.	cannot be performed on hemolyzed
(K)	K1	K LEVEL	84132	3 mL blood	with Gel (Mint)	Chemistry	3.6-5.1 mEq/L	Indirect ISE	S = 1 hr	plasma.
					Clean plastic					
POTASSIUM Bondom Urino	LIKE	U POTASSIUM	04400	Bondom c	(100 mL) urine	Chamistri		Indirect ICE	D doi:	
Random Urine	UKR	RANDOM	84133	Random spec	container	Chemistry Clinical		Indirect ISE	R = daily	
					Red Top with	Immunology,				
PREALBUMIN	PALB	PREALBUMIN	84134	5 mL blood	Gel (Gold)	Core	18-38 mg/dL	Nephelometry	R = M - F	
		PREGNANCY TEST,						Immunochromato-		
PREGNANCY TEST Blood	PREG	SERUM	84703	3 mL blood	Red Top Vac	Urinalysis	Negative	genic Assay		
						1		I		Total and the self-three Control in
PREGNANCY TEST Urine	UHCG	U PREG	81025	Random Urine	Urine specimen container	Urinalysis	Negative	Immunochromato- genic Assay	R & S = 1 hr.	Tests may not be reliable on Spec. with Sp. gr. < 1.005.
PREGNANEDIOL PREGNANEDIOL	UIICG	UFREG	01023	random Offile	Clean plastic	OfficialySIS	I voyalive	geriic Assay	Nαυ= 1 III.	ορ. gr. < 1.000.
GLUCURONIDE					(2 L) urine	Reference Lab				
24 Hr Urine			84135	24 hr urine	container	(Quest)	See Report	Direct RIA	R = 2 weeks	Refrigerate during collection.
					Clean plastic 2					
					L urine	L .				Sent out.
DDECNIANIETDIOL (U.S. )	LIDENT	U DDEONANETOIO:	04400	OA ba cuia i	container No	Reference Lab	Can Danast	CC /MC	D 674	Record total volume, aliquot and ship
PREGNANETRIOL (Urine)	UPRNT	U PREGNANETRIOL	84138	24 hr urine	preservatives Red Top Vac	(Quest) Reference Lab	See Report	GC / MS	R = 5-7 days	frozen.
PREGNANOLONE	PRNEN	PRERNENOLONE LEVEL	84140	3 mL Blood	(no gel)	(Quest)	See Report	GC / MS	R = 5-7 days	Sent out.
			3.170	2 2.00d	( go.)	(2000)	po	2370		
			86900	6 mL blood		1			R=80-120	
PRENATAL TYPE AND		MATERNAL TYPE AND	86901	Whole Blood		1			min.	
SCREEN	MTSG	SCREEN	86850	Required	Pink Plastic Vac	Blood Bank	Negative Screen	Gel Test	S=45-60 min.	
						1				Toxic: >15 ug/mL
		MYSOLINE AND	80188			Toxicology	Therapeutic Range:	Enzyme Immunoscos	R = M-Sat	Synonym: Mysoline. Phenobarbital is performed and charged on all requests
PRIMIDONE (Mysoline)	MYSO	PHENOBARB	80188	3 mL blood	Red Top Vac	Toxicology, RIH	5-12 ug/mL	Enzyme Immunoassay (EMIT)	S = 101-5at S = 2 hrs.	for Mysoline.
I I THINIDOINE (ININSUILIE)	IVITOU	TTILIVODAND	00104	o IIIL DIOOU	ittou Top Vac	LISHT	o 12 ug/IIIL	[(=:vii i /	U - Z 1113.	TOT MYSSORIES.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
PROCAINAMIDE (Pronestyl)	PRON	PRONESTYL + NAPA	80192	5 mL blood (Min.) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: Pronestyl : 4-10 ug/mL ; Pronestyl and Napa : 10-30 ug/mL	Fluoresence Polarization Immunoassay (FPIA)	R = M-Sat S = 2 hrs.	Critical:Total Pronestyl and NAPA : >30 ug/mL (First incidence only) Recommended drawing times: Pre- dose : just before dose. Post-dose : 1 hour after dose.
PROCALCITONIN	PCTP	NOT ORDERABLE (Call Lab)		4 mL Blood	Green Top Vac w Gel (Mint)	Microbiology, RIH			R = 4 hours	Use: To rule out community acquired pneumonia. Please note Special Handling Requirements. Specimen must be processed within 2 hours.
PROCAN-SR	PRON	PRONESTYL + NAPA								See Procainamide
PROGESTERONE	PROGE	PROGESTERONE LEVEL	84144	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Extraction, RIA	R = 3-5 days	Specify age, sex, and menopausal state on request form. Sent out.
PROGRAF (FK506) ( Tacrolimus )	TAC1	TACROLIMUS2	80197	5mL blood Whole Blood Required	Lavender Top Vac	Toxicology, RIH	Therapeutic Range: 5.0 - 20.0 ng/mL	Chemiluminescent Microparticle Immunoassay (CMIA)	R = M - Sat. S = 3 hrs	Call Toxicology @ 444-5858 to arrange for a Stat.
PROINSULIN	PROIN	PROINSULIN	84206	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Immunoassay	R = 3-5 days	Overnight fasting required. Sent out.
PROLACTIN	PRLCT	PROLACTIN	84146	5 mL blood (Min.) 3 mL blood	Red Top with Gel (Gold)	Chemistry, Core	Male: 2-17 ng/mL Female: 3-29 ng/mL	Chemiluminescence	R = M - F	505811
PROLINE	PRL	PROLINE	82131	3 mL blood	Lav Top Vac	Chemistry, NEMC	Normal values are age dependent.		R = 2-4 days	Freeze Plasma
PRONESTYL (Procainamide)	PRON	PRONESTYL + NAPA	80192	5 mL blood (Min.) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: Pronestyl : 4-10 ug/mL Pronestyl and Napa : 10-30 ug/mL	Fluoresence Polarization Immunoassay (FPIA)	R = M-Sat S = 2 hrs.	Critical: Total Pronestyl and NAPA >30 ug/mL. (First incidence only) Recommended drawing times: Pre-dose: just before dose. Post-dose: 1 hour after dose.
PROPRANOLOL (Inderal)										See Inderal
PROSTAGLANDIN D2			84150	5 mL blood	Red Top Vac. Send to Lab immediately.	Reference Lab (Quest)	See Report	RIA	R = 5-7 days	Spin & Freeze immediately. Sent out.
PROSTAGLANDIN E1	PROST	PROSTAGLANDIN	84150	10 mL blood.	Red Top Vac. Send to Lab immediately.	Reference Lab (Quest)	See Report	RIA	R = 5-7 days	Spin & Freeze immediately. Sent out.
PROSTATIC SPECIFIC ANTIGEN DIAGNOSTIC (PSA) PROSTATIC SPECIFIC	PSA	PSA DIAGNOSTIC	84154	5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	0-4.0 ng/mL	Chemiluminescence	R = M - Sat.	Draw before digital rectal examination or biopsy procedure. Upon receipt in lab, serum must be refrigerated.
ANTIGEN FREE ( FREE PSA)										See Free PSA
PROSTATIC SPECIFIC ANTIGEN SCREENING (PSA)										See PSA Screening
PROTEIN 12 hr urine	UTP12	U PROTEIN QUANT 12 HR	84156	12 hour urine	Clean plastic (2 L) urine container	Chemistry		Pyrogallol & Molybdate Timed Endpoint	R = daily	Reflexive Rule: If a result of <6 mg/dL is obtained,and a Random Urine Microalbumin will be ordered and resulted. Refrigerate specimen during collection.
PROTEIN 24 hr urine	UTP24	U PROTEIN 24 HR	84156	24 hour urine	Clean plastic (2 L) urine container	Chemistry	42 - 225 mg/24 hr	Pyrogallol & Molybdate Timed Endpoint	R = daily	Reflexive Rule: If a result of <6 mg/dL is obtained, a 24 hour Urine Microalbumin will be ordered and resulted. Refrigerate specimen during collection.
PROTEIN Random Urine	UTPR	U PROTEIN RANDOM	84156	Random urine	Clean Plastic (100 mL) urine container	Chemistry	0-11 mg/dL	Pyrogallol & Molybdate Timed Endpoint	R = daily	Reflexive Rule: If a result of <6 mg/dL is obtained, a Random Urine Microalbumin and a Urine Creatinine will be ordered and resulted.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
					Green Top Vac				R = 4 hrs.	Critical Values Total
PROTEIN Total	TP	TOTAL PROTEIN	84155	4 mL blood	with Gel (Mint)	Chemistry	6.0 - 8.0 g/dL	Biuret	S = 1 hr.	Protein <4.0 g/dL or >12.0 g/dL
					Red Top with	Clinical Immunology,			R = once a	
PROTEINASE 3 AB	PROT3	Proteinase 3 Ab	83516	3 mL blood	Gel (Gold)	Core	< 20 Units	EIA	week	
I NOTEINAGE 3 AD	11(013	T Totelliase S Ab	00010	5 IIIE BIOOG	Ger (Gold)	Core	C ZO OTIKS	LIA	Week	Critical Value :
										Protein C < 10%
						Coagulation,				Note: Patient can NOT be on
PROTEIN C (Functional)	PROTC	PROTEIN C	85303	9.0 mL blood	2 Blue Top Vac	RIH	74-128%	Clottable	R = 3-5 days	Coumadin.
·										
										Critical Value:
										Protein S Total < 10% Note:
DDOTEIN O (Taral & Fare)	DDOTO	PROTEIN S FREE and	85305	0.0	0 DI T \/	Coagulation,	Total 73-118%	Er.	D 05 l	Patient can NOT be on Coumadin.
PROTEIN S (Total & Free)	PROTS	TOTAL	85306	9.0 mL blood	2 Blue Top Vac	RIH	Free 30-72%	Elisa	R = 3-5 days	Tests can not be ordered individually.
					Sterile plastic			Pyrogallol & Molybdate	D = 2 hrs	
PROTEIN Spinal Fluid	CFTP	CSF PROTEIN	84157	1-2 mL CSF	CSF tube	Chemistry	15 - 45 mg/dL	Timed Endpoint	S = 1 hr.	
PROTHROMBIN	J. 11	PROTHROMBIN	3.107	551	-5. 1050	Coagulation,	10g/u	oa znapolit		
FRAGMENT 1.2	PRFR	FRAGMENT 1.2	85130	4.5 mL blood	Blue Top Vac	RIH	0.35 - 1.51 nmol/L	Elisa	R = 5-10 days	
PROTHROMBIN GENE		-		Buffy Coat from		Clinical			R= 5-10 days;	
MUTATION DNA				Lavender or 3 mL	Lavender Top	Molecular			set up	Stable for 4 days refrigerated. Test set
(Factor II Mutation)	PTMUD	PT GENE MUT DNA	81240	Whole Blood	Vac	Biology, RIH	Negative	Floresent Probe	Tuesdays	up on Tuesdays.
								_		Critical Values : INR
										≥ 5.0 The
PROTHROMBIN TIME							6 mosAdult:		R = < 4  hrs.	tube must contain at least 2.7 mL of
(PT)	PT	PT w INR	85610	2.7 mL blood	Blue Top Vac	Coagulation	9.5 - 12.5 sec	Clottable	S = 45 min	blood to ensure accuracy.
PROTOPORPHYRIN,		FREE ERYTHROCYTE		1 mL blood Whole		Toxicology,			R = M-Sat	FEP may be requested with blood lead
FREE ERYTHROCYTE	BPFEP	PROTOPORPHRIN	84202	Blood Required	Green Top Vac	RIH	0-35 ug/dL	Hemato-Fluorometry	S = 90 min	levels.
TREE ERTHROCTTE	DELLE	FROTOFORFIRM	04202	Blood Required	Green Top Vac	KIII	Therapeutic range:	riemato-ridorometry	3 = 90 111111	levels.
							The total of Fluoxetine and	High Performance		Toxic: Total >2000 ng/mL
		FLUOXETINE AND		10 mL blood		Toxicology,		Liquid	R = Tu & F	Norfluoxetine is performed on all
PROZAC (Fluoxetine)	FLUOX	NORFLUOXETINE	82491	(Min.) 4 mL blood	Red Top Vac	RIH	ng/mL	Chromatography	S = 8 hrs.	requests.
										Draw before digital rectal examination
					Red Top with	Chemistry,				or biopsy procedure. Upon receipt in
PSA	PSA	PSA DIAGNOSTIC	84154	5 mL blood	Gel (Gold)	Core	0-4.0 ng/mL	Chemiluminescence	R = M - Sat.	lab, serum must be refrigerated.
										Sent out. Both a total and free PSA will
										be performed with the ordering of this assay. Freeze serum immediately after
										centrifugation.
			84153			Reference Lab			R = Next day	sample is from Outreach, it must be
PSA FREE	PSAF	PSA FREE	84154	5 mL blood	Red Top Vac	(Quest)	See Report	Chemiluninesence	M-F	transported on ice after centrifugation.
PSA POST										
PROSTATECTOMY		PSA POST		1		Reference Lab		Immunochemi-	1	
ULTRASENSITIVE	PPSA	PROSTATECTOMY	84153	5 mL blood	Red Top Vac	(Quest)	See Report	luminesence		
				1	1				1	
[		PSA SCREENING		1	Red Top with	Chemistry,			1	Draw before digital rectal examination
PSA SCREENING	PSASN	PSA SCREENING TOTAL	G0103	5 mL blood	Gel (Gold)	Core Core	0-4.0 ng/mL	Chemiluminescence	R = M - Sat.	or biopsy procedure. Upon receipt in lab, serum must be refirgerated.
1 5/1 SOILLINING	1 0/1014	TOTAL	00103	O THE DIOOG	Co. (Cold)	0016	oo rig/iiiL	Oneniiuminescence	ix = ivi - Gat.	nab, sorum must be reingerateu.
				5 mL blood	1	Toxicology,	Therapeutic Range:	Gas Chromatography/	1	
PSEUDOEPHEDRINE	SUDA	SUDAFED	82491	(Min.) 3 mL blood	Red Top Vac	RIH	500- 770 ng/mL	Mass Spectrometry	R = Weekly	Toxic: > 1900 ng/mL
PSITTACOSIS AB					· ·	Reference Lab	-	_ · _ ·	<u> </u>	-
(Chlamydia Group Ab)			86729	5 mL blood	Red Top Vac	(Quest)	See Report	Complement Fixation	R = 3-5 days	
PT3										See Proteinase 3 Ab
										* A green top vacutainer with gel is
				1	1				1	required for the Calcium determination
PTH			00070		Lavender Top	Ol			1	(CPT 82310). A calcium will be
Parathyroid Hormone, Intact	PTH	PTH	83970 82310	5 mL blood	Vac* (See Comments)	Chemistry, Core	10-65 pg/mL	Chemiluminesence	R = M - F	peformed and billed on all requests for pTH.
ппасі	FIN	FIR	02310	J IIIL DIOOU	Continents)	COIE	10-05 pg/IIIL	Chemiuminesence	IX = IVI - F	piri.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
I.CO. INVAINE	The state of the s	SING GROEN IDAME	Or r couc	OI COMMEN	CONTAINEN	CAD	THE PERCHASE THROUGH	ML11102	tuno	** From Outreach : Call 34960 for the
										tube. ** At
		PTH RELATED			**Special Tube**	Reference Lab				TMH : Call 34216 for tube. ** At RIH : Call 46108 or 45886.
PTH RELATED PROTEIN	PTHRP	PROTEIN	83519	6 mL blood	Sodium Heparin	(Quest)	See Report	IRMA	R = 5-7 days	Sent out.
					01					October 1
PYRILINKS D, FREE					Clean Urine Container No	Reference Lab				Sent out. No preservatives added and sample must
Urine	UPYRI	NOT ORDERABLE	82523	10 mL urine	Preservative	(Quest)	See Report	Chemiluminesence	R = 5-7 days	be refrigerated during transport.
					Caracial Auba					
					Special tube obtained from					
					Phlebotomy.					Draw and immediately plac on ice.
				5 mL blood	Sodium fluoride/	Tovicology				Special handling instructions for whole blood once sample is received in
PYRUVATE	PYR	PYRUVATE	84210	ON ICE	potassium oxalate	Toxicology, RIH	0.03 - 0.08 mMol/L	Oxidation of NADH	R = Weekly	laboratory.
Q FEVER IgG AND IgM SCREEN with REFLEX	QFIM	Q FEVER IgG and IgM Scrn w Reflex	86638 x4	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	IFA	R = 3-5 days	Test includes measurements for both Phase I and II for both IgG and IgM.
CORELIA MILITALI ELX	QI IIVI	Goill W Hollox	00000 X4	o IIIE blood	rica rop vao	(Quest)	occ report		it = 0 0 days	Thas take his both go and igw.
										Special Tubes and Handling: The
										test must be booked as the tubes are
										not routinely available at draw stations.  Test requires 3 distict tubes which are
										available from the Sendout Lab at either
					Special Tubes					RIH or TMH. Once the samples are collected, they must be sent to the
					(3) obtained					laboratory immediately. Once received
		QUANTIFERON TB			from Sendout	Reference Lab				in the lab, please follow special
Quantiferon - TB Gold	QUANT	GOLD	86480	3 mL Blood	Lab	(Quest)	See Report		R = 3-5 days	handling guidelines.  Pathogens are reported out in
					Sterile leakproof			Quantative bacterial		quantities equal to or greater than
Quantative BAL Culture	CXBQT	BAL QUANT CULT/GS	87071	Bronchial Lavage	container	Microbiology	Mixed Respiratory Flora	culture including yeast	R= 2 days	10,000cfu/mL
QUINAGLUTE	QUIN	QUINIDINE LEVEL		5 mL blood		Reference Lab				See Quinidine
QUINIDINE	QUIN	QUINIDINE LEVEL	80194	(Min) 3 mL blood	Red Top Vac	(Quest)	See Report	Immunoassay	R = 2-3 days	Sent out.
						Reference Lab (Kansas		Serum Neutralization &		Once sample is received in lab, serum should be frozen and sent to reference
RABIES ANTIBODY TITER	RABIE	RABIES TI	86790	5 mL Blood	Red Top Vac	State)	See Report		27 - 30 days	lab frozen.
D. II 0511	100.4.1	IMMUNE COMPLEX BY				Reference Lab				
RAJI CELL	ICRAJ	RAJI CELL	86332 X2	5 mL blood	Red Top Vac	(Quest)	See Report	EIA	R = 5-7 days	Sent out.
							Theraputic Range: 8	-Chemiluminescent		
DADALO(OINI (O'I')	OID	0/20/ 1/4/00	00405	3 mL Blood Whole		Toxicology,	15 ng/mL first yr;			Toxic: > 25.0 ng/mL Call Toxicology @
RAPAMYCIN (Sirolimus)	SIR	SIROLIMUS2	80195	Blood	Vac	RIH	5-10 ng/mL after first year	Immunoassay (CMIA)	=3 hrs.	444-5858 to arrange for a Stat
					1					At RIH, Collection kits available from
					1					Central @ 444-6107 or Virology @ 444-
					Viral Transport					5655. At TMH, they are available from Microbiology @ 793-4235.
RAPID INFLUENZA PCR	RFLUP	RAPID INFLUENZA PCR	87502	NP Flocked Swab	Media	Microbiology	Negative	PCR	R= 2-5 hrs	Viruses tested for: Flu A and Flu B
RAPID PLASMA REAGIN						Clinical				If RPR is reactive, RPR Quantitative
(RPR) See Comments for Reflexive				5 mL blood	Red Top with	Clinical Immunology,				(CPT 86593)and Fluorescent Treponema Antibody (FTA) (CPT
Rule	RPR	RPR QUAL	86592	(Min) 3 mL blood	Gel (Gold)	Core	Non-reactive	Flocculation	R = M-F	86781) are added and charged.
		THROAT RAPID STREP			Copan Double					In Pediatric patients, a negative result will automaticall reflex to a Strep DNA
Rapid Strep Screen	RSTRA	A ANTIGEN		Throat swab	Swab	Microbiology	Negative	Antigen screen	R/S = 2 hr.	Probe.
RAST						Reference Lab		Ü		
LATEX RAST	LATEX	ALLERGEN LATEX	86003	5 mL blood	Red Top Vac	(Quest)	See Report	RAST	R = 4-6 days	Sent out. To
Misc. testing not orderable					1	Reference Lab				Sent out. To be used for allergens where
in system	RASAM	NOT ORDERABLE	86003	5 mL blood	Red Top Vac	(Quest)	See Report	RAST	R = 4-6 days	immunocap is not available.
RBC - FREE										See FEP Free Erythrocyte
PROTOPORPHYRIN		l	i		i	1		I	l .	Protoporphyrin

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
										Once sample has been received by lab,
				3 mL blood						it should be frozen if it will not be
555 551 175	501.55	501.475.000		Whole Blood	Lavender Top	Chemistry,				performed on the same day the lab
RBC FOLATE	FOLRB	FOLATE RBC	82747	Required	Vac	Core	130 - 1000 ng/mL	Chemiluminescence	R = M-Sat	receives it.
				3 mL blood Whole	Lavender Top	Reference Lab				
RBC MAGNESIUM	RBCM1	RBC MAGNESIUM SO	83735	Blood Required	Vac	(Quest)	See Report			
RBC WAGNESIOW	KBCIVIT	NDC WAGNESIOW 30	03733	Blood Required	vac	(Quesi)	See Report			
					Gen - Probe					
					Collection Kit					
					available from					
					Stores					
					Specimen must					Critical Value:
					be placed in					Positive results on patients <14. Blue
					tube prior to	Molecular		Transcription Mediated		swab should be submitted in Gen-
		RECTAL CHLAMYDIA			delivery to	Microbiology		Amplification		Probe collection kit for analysis.
Rectal Chlamydia Probe	RECT	PROBE	87491	Rectal swab	laboratory.	Coro	Negative	(TMA)	R = M-F	(Silver foil topped containers)
					Copan Double				R = 48 hrs	The first incidence of a positive result is
Rectal CPE Screen	CXCPE	RECTAL CPE SCRN	87081	Rectal swab	Swab	Microbiology	Negative	Screen for CPE	S = NA	called, Inpatients only.
				1	Aptima Collectin					
					Kit available					
				1	from Stores					
				1	Specimen must					Critical Value
					be placed in					Critical Value: Positive results on patients <14. Blue
					tube prior to	Molecular		Transcription Mediated		swab should be submitted in Gen-
		RECTAL GONORRHEA			delivery to	Microbiology		Amplification		Probe collection kit for analysis.
Rectal Gonorrhoea Probe	REGC	PROBE	87591	Rectal swab	laboratory.	Coro	Negative	(TMA)	R = M-F	(Silver foil topped containers)
Rectal Group A Strep	11200	RECTAL GROUP A	0.00.	1 tootai onab	Copan Double	00.0	rioganio	Screen for Group A	R = 48HRS	(enverience)
Screen	CXGAL	STREP SCREEN	87081	Rectal swab	Swab	Microbiology	Negative	Strep	S = N/A	
					Gen - Probe					
					Collection Kit					
					available from					
					Stores					
					Specimen must					Critical Value:
					be placed in					Positive results on patients <14. Blue
		RECTAL			tube prior to	Molecular		Transcription Mediated		swab should be submitted in Gen-
		TRICHOMONAS			delivery to	Microbiology		Amplification		Probe collection kit for analysis.
Rectal Trichomonas Probe	RECTV	PROBE	87798	Rectal swab	laboratory.	Coro	Negative	(TMA)	R = M-F	(Silver foil topped containers)
				1				Code constitut		At RIH, UTM supplied by Central 444-
				1	Conon at			Spin amplified		6107 At TMH,
Rectal Viral Culture	CXVIR	RECTAL VIRAL CULT	87252	Rectal swab	Copan swab placed into UTM	Virology, RIH	Negative	detection for Adenovirus	R =48 hours	UTM supplied by Microbiology 793- 4235
Necial VIIal Culture	CAVIR	NEGIAL VIRAL CULI	01202	Verigi 2Man	Copan Double	viiology, KIH	INEGATIVE	AUGITOVITUS	R = 48HRS	The first incidence of a positive result is
Rectal VRE Screen	CXVRE	RECTAL VRE SCRN	87081	REC SWAB	Swab	Microbiology	Negative	Screen for VRE	S = N/A	called, Inpatients only.
	OWNE		0,001			orobiology		CONCOLLION VIVE	S - 14/A	Sample should be frozen
REDUCING				1						immediately by the lab. The
SUBSTANCES				1	Clean plastic	Reference Lab				sample only has a room temperature
Fecal	SREDS	FECAL RED SUB	84376	Stool - 10 grams	container	(Quest)	See Report	Benedict's Solution	R = 3 - 4 days	stability of 24 hours
				T T		,	,		1	Sent out.
										For use with Vascular Special
				1						Procedures. Avoid
				1	4 Lavender Top	Reference Lab		Angiotensin-1,		refrigeration, spin at room temperature
RENIN STUDIES*	RENRE	NOT ORDERABLE	84244X4	10 mL blood X4	Vac	(Quest)	See Report	Generation, RIA	R = 3-5 days	and freeze plasma.
				1						Sent out.
										Sample should be sent to the lab at
										room temperature and spun
				1	Lavender Top	Reference Lab		L		immediately upon receipt. Freeze
RENIN ACTIVITY	RENIN	RENIN ACTIVITY	84244	4 mL blood	Vac	(Esoterix)	See Report	RIA	R = 3-5 days	plasma in plastic aliquot tube.
DECDIDATORY				1						
RESPIRATORY SYNCYTIAL				1	Pod Top with	Poforon and I = L				
VIRUS ANTIBODY (RSV)	RSVAB	RSV AB	86756	3 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report		R = 5-7 days	
VIIVOO MINIBODI (KOV)	NOVAD	NOV AD	00/00	o HIL DIOUG	oai (Goia)	(Quest)	оев керин	1	in = 5-1 days	

	LIS ORDER								Turnaround		
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS	
Respiratory Culture and gram stain	CXSPT CXBRO CXBRS CXCF	Order by specimen source	87205 87070	Sputum (first morning preferred), Bronch Wash, Bronch Brush Specify site	Sterile leakproof	Microbiology	mixed respiratory flora	Bacterial Culture, including yeast, gram stain		The gram stain is used to determine the suitability of sputum for culture, and a culture credit is generated if the specimen is found to be unsatisfactory for further processing. Superficial specimens (epithelials ≥ polys) will not be processed. Unit notified.	
Respiratory Viral Panel (RVP)	RVP	RESPIRATORY VIRAL PANEL (RVP)	87633	Nasal-pharyangeal (NP) swab	Nasal- pharyangeal (NP) swab placed in UTM and bronch specimens	Virology, RIH	Negative	PCR	24 hours during Respiratory season	At RIH, Collection kits available from Central @ 444-5886 or Virology @ 444-5655. At TMH, they are available from Microbiology @ 793-4235. Viruses tested for: RSV, Flu A (nonspecific, probable H1N1), Flu A (H1), Flu A (H3), Flu B, Para 1, 2, 3 and 4 Metapneumovirus, Enterovirus/Rhinovirus, Adenovirus and Corona Virus.	
RESTORIL	KVF	FAINLL (NVF)	07033	5 mL blood	specimens	Toxicology,	Therapeutic Range:	FOR	R = Weekly	Colona viius.	
(TEMAZEPAM)	TEMAZ	TEMAZEPAM	80154	(Min)3 mL blood	Red Top Vac	RIH	0.4-0.9 ug/mL	HPLC	S = 8 hrs	Toxic: >5.0 ug/mL	
RETICULOCYTES See Comments for Required Testing	RETIC	RETIC LAB	85045	3 mL blood	Lavender Top Vac	Hematology	% = 0.5% - 2.2% Absolute = 25-100 K/uL (Adults)	Automated / Manual	R = 1 hour S = 30 min	Critical Values : Retics - 0% in anemia (First incidence only) Requires RBC, if not ordered, one will be reflexively ordered.	
RETINOL BINDING PROTEIN (RBP)	RBP	RETINOL BINIDNG PROTEIN	83883	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	2-6 mg/dL	Nephelometry	R = M - F		
DEVEDOE TO	DTO	DE1/ED0E T0	0.4.400	e al black	D. I.T V.	Reference Lab	0	DIA.	D 05 l	0	
REVERSE T3	RT3	REVERSE T3  RHEUMATOID	84482	5 mL blood 3.0 mL blood	Red Top Vac Red Top with	(Quest) Clinical Immunology,	See Report	RIA	R = 3-5 days	Sent out.	
RHEUMATOID FACTOR	RF	FACTOR	86431	(Min) 1 mL blood	Gel (Gold)	Core	< 20 IU/MI	Nephelometry	R = M - F		
RIBOSOMAL P PROTEIN AB	RIBOP	RIBOSOMAL P PROTEIN AB	86318	3 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	EIA	R = 5-7 days	Sent out.	
RICKETTSIAL AB PANEL	RICKE	RICKETTSIAL AB PANEL	86757x4	5 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	Immunofluoresence		Sent out. Includes both IgG and IgM to both Typhus and RMSF	
RISTOCETIN CO FACTOR (Risto Co-factor)	RST2	RISTO CO-FACTOR	85245	9.0 mL blood	2 Blue Top Vac	Coagulation, RIH	> 55%	Elisa	R = 1 week S = Š 2 hr.	This test is performed as part of a Von Willebrand's Disease screen. See VWF Screen. The test can also be ordered individually.	
RITALIN (METHYLPHENIDATE)	RITAL	RITALIN METHYLPHENIDATE	80299	5 mL blood	Red Top Vac	Reference Lab (Quest)	5-20 ng/mL	GC -Nitrogen Phosphorus Detection and Mass Spectrometry	R = 3-5 days	Sent out. Must be shipped frozen.	
RNA POLYMERASE III AB	not orderable	NOT ORDERABLE	83520	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Immunoassay			
RNP Extractable Nuclear Antigen (ENA) Ribonuclear Protein	RNP	EXT NCLR ANTG (ENA)	86235	3 mL blood	Red Top with	Clinical Immunology, Core	Negative : < 20 Units  Weak Pos: 20-39 Mod  Pos: 40-80 Strong Pos: ≥80	Enzyme Immunoassay	R = Weekly		
Rocky Mountain Spotted	IXINE	INVE	00233	5 IIIL DIOUG	Car (Colu)	5016		Enzyme immunuassay	IV - VVGENIY	Sent out.	
Fever IgG & IgM	RICKE	Rocky Mt Spotted Fever	86255x4	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report			Includes both IgG and IgM to both Typhus and RMSF	
ROHYPNOL (Flunitrazepam)	FLUNI	FLUNITRAZEPAM	80154	10 mL Blood	Red Top Vac	Toxicology, RIH	Theraputic Range: 10.0 - 52.0 ng/mL	High Performance Liquid Chromatography	R = Weekly	Toxic = >100 ng/mL	
Rotavirus	RROTA	STOOL ROTAVIRUS ELISA	87425	Stool	Sterile leakproof container	Virology, RIH	Negative	E.I.A. Test for Antigen	R = 24 hrs S = N/A	Test performed Monday - Friday	

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
RPR (RAPID PLASMA REAGIN) See Comments for Reflexive Rule RSV ANTIBODY	RPR	RPR QUAL	86592	5 mL blood (Min) 3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Non-reactive	Flocculation	R = M-F	If RPR is reactive, RPR Quantitative (CPT 86593)and Fluorescent Treponema Antibody (FTA) (CPT 86781) are added and charged. See Respiratory Synctial Virus Ab
RUBELLA IMMUNITY SCREEN (IgG)	RUBEL	RUBELLA SCREEN	86762	5 mL blood (Min) 3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	< 5 IU/mL Non Immune 5 -<10 IU/mL Equivocal 10 or greater - Immune	Chemiluninesence	R = M - F	Test to screen for immunity to Rubella Virus. A titer of >10 IU/mL is consistant with immunity to Rubella virus.
RUBELLA IGM	RUBM	RUB IGM	86762	5 mL blood (Min) 3 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest)	See Report		R = 5-7 days	
RUBEOLA IgG ANTIBODY Titer	MEAG	MEASLES IGG	86765	3 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	< 0.900 Negative 0.91 - 1.09 Equivocal ≥1.10 Positive Measured in REV (Relative Elisa Values)	Enzyme Immunoassay	R = M,W,F	Detectable levels of 1.10 or greater is consistent with immunity to measles.
RUBEOLA IgM ANTIBODY					, ,	Reference Lab	,			·
Titer	MEAM	MEA IGM AB	86765	3 mL blood	Red Top Vac	(Quest)	See Report	Immunoflorescence		Sent Out.
SACCHAROMYCES CEREVISIAE ANTIBODIES IgA and IgG	SACAB	SACCHAROMYCES IGA AND IGG	86671x2	5 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	ELISA		Sent out.
SALICYLATE	SALIC	SALICYLATE LEVEL	80196	5 mL blood (Min) 3 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Therapeutic Range: 15.0 - 30.0 mg/dL	Colorimetric	R = 4 hrs. S = 1 hr.	Critical: >40.0 mg/dL (First incidence only) Monitoring not needed, except if overdose suspected, then any timing information provided will be useful.
SALMONELLA FEBRILE AGGLUTININS PANEL	SALAB									See Febrile Agglutinins
ACCECTIVING FAIRE	OALAD					Reference Lab				oee i ebine Aggiumins
SCHISTOSOMIASIS AB	SCHT	SCHISTOSOM	86317	5 mL blood	Red Top Vac	(Quest)	See Report	ELISA	R = 5-7 days	Sent out.
SCL-70 Extractable Nuclear Antigen (ENA) SCL-70	SCL70	EXT NCLR ANTG (ENA) SCL-70	86235	3 mL blood (Min) 1.0 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Negative : < 20 Units Weak Pos: 20-39 Mod Pos: 40-80 Strong Pos: ≥80	Enzyme Immunoassay	R = Weekly	
Scotch Tape Test	PINW	PARASIT ID PINWORM TAPE TEST	87172	Paddle collection kits or CLEAR Scotch tape on slides.No Frosted Tape!	Slide in envelope	Microbiology	Negative	Light Microscopy	R = 24 - 48 hrs.	Forwarded to State Lab. Press sticky side scotch tape to perianal area with tongue depressor (best done prebathing in early A.M) Remove tape and place on glass slide sticky side down.  Cover with a second slide and transport in envelope to avoid contamination. M-F.
SECOBARBITAL	SECO	SECOBARBITAL	82491	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 1.0 - 2.2 ug/mL	Gas Chromatography	R = M-Sat S = 6 hrs.	Toxic: >5.0 ug/mL
SED RATE WESTERGREN	ESR	SED RATE or ESR	85651	3 mL blood Whole Blood Required		Hematology	M: 0-10 mm/hr F: 0-20 mm/hr	Vesmatic Easy	R/S =60 min	
SELENIUM	TOF	T SELENIUM	80103	Pionov	Digatio Turk -	Toxicology,	0.1-0.7 ug/g	Elucromotric	р т	Do not add liquid to container
Tissue SELENIUM Blood	TSE SE	I SELENIUM SELENIUM	84255 84255	5 mL blood (Min) 3 mL blood	Plastic Tube Dark / Royal Blue Vac with Heparin	RIH Toxicology, RIH	dry weight  Ambulatory: 90-155 ug/L Surgical: 65-145 ug/L	Fluorometric Fluorometric	R = Tu R = Tu	Do not add liquid to container.  Send as Whole Blood. Zinc and Copper determination may be performed on same sample.
SELENIUM Urine 24 HR SELENIUM-Urine Random	USE	U SELENIUM 24HR	84255	24 hr urine	Clean plastic (2 L) urine container with 25 mL 6N HCL (Ped): 3-5 mL 6N HCL Clean plastic (100 mL) urine	Toxicology, RIH Toxicology,	0-300 ug/L	Fluorometric	R = Tu	Refrigerate sample during collection. Preservative should be added prior to collecting sample.
urine	USER	U SELENIUM RANDOM	84255	Random urine	container	RIH		Fluorometric	R = Tu	

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TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
										Sent out. Spin,
CEDOTONIN	SETO	CEDOTONINI EVEL	0.4000	C! black	Dad Tan Van	Reference Lab	Can Danast	HPLC, Fluorescence	D 25 days	seperate and freeze within 2 hours of
SEROTONIN	SEIU	SEROTONIN LEVEL	84260	5 mL blood	Red Top Vac Red Top with	(Quest) Chemistry,	See Report	detection	R = 3-5 days	sample collection.
SERUM FOLATE	FOLAT	FOLATE SERUM	82746	5 mL blood	Gel (Gold)	Core	2.6-20.0 ng/mL	Chemiluminescence	R = M - Sat.	
SERUM PROTEIN ELECTROPHORESIS See Comments for Reflexive Rules	SPEP	SPEP**	84165	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	TP = 6.3-8.3 g/dL Alb = 3.54-5.04 g/dL Alpha 1= 0.10-25 g/dL Alpha 2 = 0.57-1.04 g/dL Beta = 0.61-1.17 g/dL Gamma = 0.50-1.5 g/dL	Electrophoretic Separation of Proteins (SPE)	R = 5-7 days	If a new or cryptic paraprotein band and/or when there are changes to a previous known monoclonal, then an IFE (CPT 86334) and a Total Immunoglobulin Levels (IgG, IgM, IgA) (CPT 82784) are performed and charged.  If indicated, free Kappa/Lambda light chain ratio will be reflexed and charged.
SERUM VISCOSITY	VISCO	VISCOSITY								See Viscosity Serum
SEX HORMONE BINDING GLOBULIN SGOT (AST) Serum	SEXG	SEX HORMONE BINDING GLOB	84270	5 mL blood; (Min) 1 mL blood	Red Top with Gel (Gold)	Chemistry, Core	Males: Ages 21-55 17.3-65.8 nmol/L Females: Premenopausal 21 - 47 27.8 - 146.0 nmol/L Post menopausal 42-89 12.0 - 166.0 nmol/L	Chemiluminesence	R = M - F	This may be ordered individually or is included in both Bioavailable and Free Testosterone groups
Glutamic Oxalacetic										
Transaminase SGPT (ALT) Serum			-							See AST
Glutamic pyruvic Transaminase										See ALT
SICKLE CELL PREPARATION See Comments for Reflexive Rule	SICK	SICKLE CELL	85660	3 mL blood	Lavender Top Vac	Special Hematology, RIH Special		Solubility	R = < 8 hrs. S = 3 hrs.	A positive result in a previously unknown patient is considered a critical. Reflexive Rule: If positive, Hemoglobin Electrophoresis (CPT 83020) and RBC Morphology (CPT 85008) are performed and charged. A CBC no Diff (CPT 85027) is reflexively ordered and billed when the Hemoglobin Electrophoresis is ordered. Routines performed in Sp. Heme, RIH, M-F until 4 PM. After hours Stats performed in Main Heme, RIH.
				Bone marrow		Hematology,				
SIDEROBLAST STAIN  SINEQUAN (Doxepin)	DOX	DOXEPIN AND DEMETHYLDOXEPIN	88313 80166	smear 10 mL blood (Min) 5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic range: Doxepin + Desmethyldoxepin : 110-250 ng/mL	Cytochemical  High Performance Liquid Chromatography	R = 24 hrs. R = Tu & F S = 8 hrs.	Toxic: >500 ng/mL Desmethyldoxepin is performed on all requests for Doxepin. Performed Tu & F P.M
SINGLE STRAND DNA	CCDMA	SINGLE STRAND DNA	96000	2 ml Plac	Red Top with	Reference Lab	San Banart	EIA		Sond out on fragen parties
ANIBODY (IGG)	SSDNA	ANTIBODY	86226	3 mL Blood 3 mL Blood <b>Whole</b>	Gel (Gold)  Lavender Top	(Quest) Toxicology,	See Report  Theraputic Range: 8 15 ng/mL first yr;	EIA -Chemiluminescent Microparticle		Send out as frozen serum.  Toxic: > 25.0 ng/mL Call Toxicology @
SIROLIMUS (Rapamycin)	SIR	SIROLIMUS2	80195	Blood	Vac	RIH	5-10 ng/mL after first year	Immunoassay (CMIA)	=3 hrs.	444-5858 to arrange for a Stat
SKIN ANTIBODIES	EPIDE		86256	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report		3-5 days	Also known as Skin antibodies, Pemphigoid antibodies and Skin basement membrane antibodies.
Skin Fungal Culture and smear	CXFNS	SKIN FUNGAL CULT AND SMEAR	87102 87206	Skin Scrapings, Scalp, Hair or Nails	Sterile leakproof		Negative	Culture for yeast and mold. Smear: calcaflour	R = 4 weeks S = N.A.	
Skin Surface Herpes Culture	CXHSK	SKIN SURFACE HERPES CULTURE	87252	Skin, mucosal. Can be multiple sites	Copan swab placed into UTM	Virology, RIH	Negative	Cell Culture for Herpes		At RIH, UTM is available from Central, 444-6107. At TMH UTM supplied by Microbiology 793-4235 Varicella Culture done by request, TAT = 14 days

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
Skin Vesicle Culture	CXVES	SKIN VESICLE CULT FOR HSV	87252	Vesicle scrapings	Copan swab	Virology, RIH	Negative	Cell Culture for Herpes	R = 7 days S = N/A	At RIH, UTM is available from Central, 444-6107. At TMH UTM supplied by Microbiology 793-4235 Varicella Culture done by request, TAT = 14 days
		EXT NCLR ANTG (ENA)								See Anti-Smith Extractable Nuclear
SM ANTIBODY	SM	SM				1				Antigen Group contains Glucose, BUN,
SMA 7	GBCL1	Glu BUN Cr Electrolytes		5 mL Blood	Green Top Vac with Gel (Mint)	Chemistry	See Individual components	See Individual Components Indirect	R = 4 hrs S = 1 hr.	Creatinine, Sodium, Potassium, Chloride, CO2, and Anion Gap. Non-orderable, Will be reflexed if the
SMOOTH MUSCLE ANTIBODY	non-orderable	non-orderable	86256					Immunofluorescence (IFA)	R = once a week	Anti Smooth Muscle Actin Ab is greater than 20.
SODIUM ( Na )	NA	NA	84295	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry	135-145 mEq/L	Indirect ISE	R = 4 hours S = 1 hr.	Critical Values : Sodium > 150 mEq/L Sodium < 125 mEq/L
SODIUM 12hr Urine	UNA12	U SODIUM 12HR	84300	12 hr urine	Clean plastic (2 L) urine container	Chemistry		Indirect ISE	R = daily	Refrigerate specimen during collection.
SODIUM 24hr Urine	UNA24	U SODIUM 24HR	84300	24 hr urine	Clean plastic (2 L) urine container	Chemistry		Indirect ISE	R = daily	Refrigerate specimen during collection.
SODIUM Random Urine	UNAR	U SODIUM RANDOM	84300	Random spec	Clean plastic (100 mL) urine container	Chemistry		Indirect ISE	R = daily	
SOLUABLE IL2	0.0	SOLUABLE IL2	0.000	rtandom op do	Containo	Reference Lab		manost io2	rr = daily	
RECEPTOR	VSOL	RECEPTOR	84238	3 mL Blood	Red Top Vac	(Viracor)	See Report		R = ! Week	
SOLUABLE LIVER ANTIGEN AUTOANTIBODY	SOLIV	SOLUABLE LIVER AUTOANTIBODY	83520	5 mL blood	Red Top with Gel (Gold) Vac	Refenence Lab, (Quest)	See Report	ELISA		Sent out
SOMATOMEDIN-C (IGF-1)										See IGF-1
				10 mL blood	2 Lavender Top	Reference Lab				Sent out. Upon receipt in lab, sample must be
SPEP (Serum Protein Electrophoresis) See Comments for Reflexive Rules	SOMA SPEP	SOMATOSTATIN  SPEP**		ON ICE.	Red Top with Gel (Gold)	(Quest)  Clinical Immunology, Core	TP = 6.3-8.3 g/dL Alb = 3.54-5.04 g/dL Alpha 1= 0.10-25 g/dL Alpha 2 = 0.57-1.04 g/dL Beta = 0.61-1.17 g/dL Gamma = 0.50-1.5 g/dL	RIA  Electrophoretic Separation of Proteins (SPE)	R = 5-10 days R = 5-7 days	spun and frozen immediately.  If a new or cryptic paraprotein band and/or when there are changes to a previous known monoclonal, then an IFE (CPT 86334) and a Total Immunoglobulin Levels (IgG, IgM, IgA) (CPT 82784) are performed and charged. If indicated, free Kappa/Lambda light chain ratio will be reflexed and charged.
SPINAL FLUID										See individual test procedures. See also CSF listings
SPONTANEOUS NBT	SNBT	NOT ORDERABLE	86384	Finger Stick		Special Hematology, RIH	NBT < 5% Endo Stimulation > 25%	Cytochemical		Schedule by calling x 4-8342.
	OIADI	1401 ONDENABLE	00304	i iigei oliek		ISILI	Endo Otimulation > 23/6	Oyloon Ennical		Octobric by carring A T-00-12.
SPUTUM - TUMOR CELLS						Cytology				See Cytology Section.
Sputum AFB Culture and smear	CXAFB	SPUTUM AFB CULTURE/SM	87116 87206	Sputum (see comments), Bronch Wash, Bronch Brush Specify site	Sterile leakproof container	Microbiology	Negative	Semiautomated detection and smear	R=6 Weeks S=N/A	Critical Value: Positive 3 sputum specimens received within a 24 hour period, 2 of which should be 1st morning collections is recommended.
Sputum Culture and gram stain	CXSPT	SPUTUM CULT AND GS	87205 87070	Sputum (first morning preferred), Bronch Wash, Bronch Brush Specify site	Sterile leakproof container	Microbiology	Mixed Respiratory flora	Bacterial Culture, including yeast, gram stain	R=48 hrs S= N/A	The gram stain is used to determine the suitability of sputum for culture, and a culture credit is generated if the specimen is found to be unsatisfactory for furtherprocessing. Superficial specimens (epithelials ≥ polys) will not be processed. Unit notified.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
Sputum Cystic Fibrosis Culture and gram stain	CXCF	SPUT C FIBROSIS CULT AND GS	87070 87205	Sputum OR Throat	Sterile leakproof container or copan double swab	Microbiology	mixed respiratory flora	Bacterial culture including yeast and gram stain	R = 72HRS S = N/A	Gram stain not performed on throats.
Sputum Fungal Culture and smear	CXFUS	SPUTUM FUNGAL CULTURE/SMEAR	87102 87206	Sputum (first morning preferred), Bronch Wash, Bronch Brush Specify site	Sterile leakproof	Microbiology	Negative	Culture for yeast and mold. Smear: calcoflour	R = 4 weeks S = N.A.	Correlated with Respiratory Culture.
Sputum Legionella Culture	CXLEG	SPUTUM LEGIONELLA CULT	87081	Sputum (first morning preferred), Bronch Wash, Bronch Brush Specify site	Sterile leakproof container	Microbiology	Negative	Culture for Legionella	R = 2 weeks S = N.A.	Legionella Urinary Antigen test is preferred.
Sputum PCP DFA	DFPCP	SPUTUM INDUCED PCP DFA	87281	Induced Sputum only	Sterile leakproof container	Virology, RIH	Negative	DFA Stain	R = 4 hrs. S = 2 hr.	Critical Value: Positive. Available M-F, AM shift only.
	O)a II D		07050		Sterile Leakproof	No. 1. Pull	N	Spin amplified detection for Influenza A, B, Para I, II, III, RSV, Adenovirus	R =48 hours	
Sputum Viral Cultue  SSA Extractable  Nuclear Antigen (ENA)  SSA	CXVIR SSA	EXT NCLR ANTG (ENA) SSA	87252 86235	3 mL blood (Min) 1.0 mL blood	Red Top with Gel (Gold)	Virology, RIH  Clinical Immunology, Core	Negative  Negative: < 20 Units  Weak Pos: 20-39 Mod  Pos: 40-80 Strong Pos: ≥80	and HSV I & 2  Enzyme Immunoassay	S = N/A R = Weekly	Also known as Anti-RO
SSB Extractable Nuclear Antigen (ENA) SSB	SSB	EXT NCLR ANTG (ENA) SSB	86235	3 mL blood (Min) 1.0 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Negative : < 20 Units Weak Pos: 20-39 Mod Pos: 40-80 Strong Pos: ≥80	Enzyme Immunoassay	R = Weekly	Also known as Anti-LA
ST. LOUIS ENCEPHALITIS VIRUS Titers	ARIM1	ARBOVIRUS IGM AB PANEL	86651 86652 86653 86654	5 mL blood	Red Top with Gel (Gold)	Reference Lab (Quest) Reference Lab	See Report		R =14 days	Includes St. Louis, EEE, WEE and CAE. Sent to Focus via Quest Indicate source of stone.
STONE RENAL	CALCU	CALCULUS	82355	Calculus	Plastic container		See Report	Chemical	R = Weekly	Sent out.
Stool C Difficile Toxin PCR	CDPCR	STOOL C DIFFICILE TOXIN PCR	87324	Stool	Clean container only. No Preservative	Virology, RIH	Negative	PCR	R = 24 hrs.	Formalin stool unacceptable. Clean vial only. The first incidence of a positive result is treated as a critical. Positives not repeated for 7 days. Inpatient orders within 3 days of a negative result will be canceled by SMS.
Stool Culture	CXSTO	STOOL CULT SALM SHIG CAMPY STOOL	87045 87046	Stool	Carey Blair Transport Medium available from Stores Item#115532		mixed fecal flora	Stool culture for Salmonella, Shigella, Campylobacter	R = 2 days S = N.A.	All enteric pathogens on Inpatients are critical values. Stools routinely cultured for Salmonella, Shigella, and Campylobacter only. Other pathogens such as E. coli 0157, Yersinia, Vibrio etc. should be ordered separately. Stool culture may be ordered once / day for up to 3 consecutive days, after the third hospital day, authorization is required. For diagnosis of gastroenteritis, a sample should be submitted on 3 consecutive days.
STOOL CYCLOSPORA ISOSPORA STN	SCYCLO	CYCLOSPORA/ISOSPO RA STN	87206	Stool	Total Fix Vial	Reference Lab (Quest)	Negative	Smear	R = 72 hrs. S = N/A	Sent out. Refrigerate sample.

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS	
TEST NAME	NAME	SWIS ORDER NAME	CF1 Code	SPECIMEN	Carey Blair	LAD	REFERENCE RANGE	METHOD	inne	COMMENTS	
Stool E Coli O157H7		STOOL E COLI 0157H7			Transport Medium available from Stores			Culture to R/O EC	R= 48 HRS	This is performed on request, automatically performed on Bloody	
Culture	CXECO	CULT	87046	Stool	Item#115532	Microbiology	Negative	O157 only	S= N.A.	specimens	
STOOL FECAL LEUKOCYTE STAIN	FECAL	STOOL FECAL LEUKOCYTE STAIN	87205	Stool	Sterile leakproof	Hematology	No wbc	Microscopic exam	R = 4 hrs. S = N/A		
Stool Giardia Cryptosporidium EIA	GIARD	STOOL GIARDIA AND CRYTO AG	87272	Stool	Total Fix	Molecular Microbiology	Negative	EIA toot for options	R = M-F	Collection kits available in Stores. Item #119480	
STOOL OVA AND	GIARD	CRITO AG	01212	Stool	TOTAL FIX	Coro	Negative	EIA test for antigen	K = IVI-F	#119460	
PARASITE SCREEN										See Ova and Parasites	
Stool Rotavirus	RROTA	STOOL ROTAVIRUS ELISA	87425	Stool	Sterile leakproof container	Virology, RIH	Negative	E.I.A. Test for Antigen	R = 24 hrs S = N/A	During Rotavirus season, available 7 days a week, otherwise available M - F	
Stool Vibrio Culture	CXVIB	STOOL VIBRIO CULT	87046	Stool	Carey Blair Transport Medium available from Stores Item#115532	Microbiology	Negative	Culture to R/O Vibrio only Spin amplified	R = 48HRS S = N/A		
					Sterile leakproof			detection for	R = 48 hrs		
Stool Viral Culture	CXVIR	STOOL VIRAL CULT	87252	Stool	container	Virology, RIH	Negative	Adenovirus	S = N/A		
		STOOL YERSINIA			Carey Blair Transport Medium available from Stores			Culture to R/O Yersinia	R = 48HRS		
Stool Yersinia Culture	CXYER	CULT	87046	Stool	Item#115532	Microbiology	Negative	only	S = N/A		
Strep Antigen (Rapid		THROAT RAPID STREP			Copan Double						
Strep)	RSTRA	A ANTIGEN	87430	Throat swab	Swab	Microbiology	Negative	Antigen screen	R/S = 2 hr.		
STREPTOLYSIN - O	ASO	ANTI STREPTOLYSIN O TITER	86060	5 mL blood (Min)1 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	0-5 yrs= <125 IU/mL 5-20 yrs= <250 IU/mL 20+ over= <125 IU/mL	Nephelometry	R = M - F		
		•=		()	(00.0)			Enzyme Linked			
						Reference Lab		Immunosorbent	R = 10-15		
STRONGYLOIDS	STRON	STRONGYLOIDS	86682	5 mL blood	Red Top Vac	(Quest)	See Report	Immunoassay	days	Sent out.	
SUBSTANCE P	SUBP	SUBSTANCE P	83520	10 mL blood (10 hr fasting)	Red Top Vac x2	Reference Lab (Quest)	See Report	EIA	R = 3-5 days	Sent out. Freeze serum in two distinct tubes as soon as possible.	
				( · · · · · · · · · · · · · · · · · · ·	Bone Marrow Syringe or	Special					
				Peripheral blood or	Lavender Top	Hematology,					
SUDAN BLACK B			88319	bone marrow	Vac	RIH		Cytochemical	R = 24 hrs.		
SULFONAMIDES	SULAM	SULFONAMIDE LEVEL	84311	5 mL blood (Min) 3 mL blood	Red Top Vac	Reference Lab, (AML)	See Report	Colorimetric	R = 2-3 dave	Toxic > 20 mg/dL	
	JOLAWI	SOLI GIVAIVIIDE LEVEL	07011	(will) 5 THE BIOOD	rou rop vac		Соо пороп	Colorinient	11 - 2-3 uays	Includes: Chloropropamide, Tolazamide, Tolbutamide, Glipizide,	
SULFONYL UREA SCREEN	SULF	SULFONYL	82491	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	HPLC	R = 7-10 days	Glyboride, Acetohexamide. Sent out.	
							Reported as mEq/L of Chloride Normal : 0-40	Pliocarpine Induced Sweat.			
SWEAT TEST (IONTOPHORESIS)			82435	Sweat	Collected by Lab	Chemistry, RIH	Gray area : 41-70 Abnormal : > 70	Shales & Shales titration.		Schedule by calling Chemistry, RIH 444- 5886	
SYNOVIAL CRYSTAL ANALYSIS	SYCRY	SYNOVIAL CRYSTALS	89051 89060	Synovial fluid	Lavender Top Vac	Urinalysis		Chamber Count, Cytospin, Wright's Stain	R = < 5 hrs. S = 1 hr.	A cell count, differential and a crystal analysis will be performed on all synovial crystal analysis requests.	
SYNOVIAL FLUID ANALYSIS	SYALY	SYNOVIAL ANALYSIS	89051 89060	Synovial fluid	Lavender Top Vac	Urinalysis		Chamber Count, Cytospin, Wright's Stain	R = < 5 hrs. S = 1 hr.	A cell count, differential and a crystal analysis will be performed on all synovial fluid analysis requests.	

Total Angues Royce   Certification   Certifi		LIS ORDER						1		Turnaround	
Total Parent Internal Recognition (CRR 100 No. 17 Cell COMPLETE CO. 17 TOTAL DESCRIPTION OF T	TEST NAME		SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD		COMMENTS
Boad Core Recorangement   PCR   TOR B PCR   Septiment   PCR   TOR B PC											
Cold Pulse   TOTAL   TOTAL   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment   TOTAL   Septiment							Clinical				Test performed M - F.
Total Particular Receptor   Command Garder   Fig. 1972   State   Sta				81340	3 mL whole blood	Lavender Top	Molecular				
Total Particular Receptor   Command Garder   Fig. 1972   State   Sta		TCRBP	TCR B PCR					Negative	PCR	R = 2-4 days	
Commandation   PCR   TORG POR   Bit   Color   TORG POR   Color   Col	T Cell Antigen Receptor						07.	İ			
Second process   PCR   TORG   PCR   GOISS   Office belong   Vac   Solidary   Nac   Solida							Clinical				Test performed M - F.
TOOL   Prince   Limited   Frace   Country				81342	3 mL whole blood	Lavender Top	Molecular				
T.Cal Panel Limited   T.Cal Panel Limited		TCRGP	TCR G PCR	G0452	or tissue biopsy	Vac	Biology, RIH	Negative	PCR	R = 2-4 days	applicable.
Total Panel Limited   Residue   Re								İ			
TCall Panel Limited   Markers CDS, CD4, CD8   TCELP   TCELL CD4 PAREL   8530   Minde Blood   Lamender Top   Regulared   Vac   Regulared											
T.Call Panel Limited   Free											
T Cell Panel Limited (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6) (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD4, CD6 (Mexicers CD), CD6, CD6 (Mexicers CD), CD6, CD6 (Mexicers CD), CD6, CD6 (Mexicers CD), CD6 (Mexicers CD6 (Mexicers CD), CD6 (Mexicers CD1, CD6 (Mexicers CD), CD6 (Mexicers CD1, CD6											
T.Cell Panel Limited   Separate											9 AM on Fridays @ TMH and 11 AM
No.   No.											@ RIH. Samples must be received in
Total Panel Limited   Total Panel Limited   Total Panel Limited   Total Panel Limited   Total Panel Limited   Non-Required											the Special Hematology lab at RIH by
T_CELP   T_CELP   T_CELL COMPANEL   88389   Required   Name   T_CELP   T_CELL COMPANEL   88380   Required   Name   T_CELP											Noon.
T Cell Panel Limited (Markers CD3, CD4, CD8)   T CELP   T CELL COF PANEL   85350   Required   Vac   Flow Cytometry   Flow C					3 mL blood		Special				Client must order CBC/Diff also to
Maskers CD3, CD4, CD8    TCELP   TCEL CD4 PAMEL   8580   Required   Vac   RIH   Secondary   R = 2.24 Ins.   Index operately,   Index operately,   Index operately,   Index operately,   Index	T Cell Panel Limited			86359	Whole Blood	Lavender Top					have T Cell Panel performed. CBC
T_Cell Panel		TCELP	T CELL CD4 PANEL		Required				Flow Cytometry	R = < 24 hrs.	
Total Panel											
T Cell Panel											
Amon				1	1		1				
TCELL OMPLETE   R6355   R6357   TCELL PAIRE   R6356   R6359											
TCall Panel (Inference CID (Infere											
Call Panel (Matkers CD3, CD4, CD8, CD19, CD56)   TCELL   TCELL   Session											@ RIH. Samples must be received in
TCELL COMPLETE   Sec530   TCELL   TCELL COMPLETE   Sec530   Required   Sec530   Requ											the Special Hematology lab at RIH by
TCELL COMPLETE   Seption				86355							Noon.
Marker CD3, CD4, CD6, CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79, CD6  CD79,	T Cell Panel				3 mL blood		Special				Client must order CBC/Diff also to
CD19, CD56  TCELL   PANEL   8480   Required   Vac   RIH   Flow Cytometry   R = < 24 hrs.   billed separately.	(Markers CD3, CD4, CD8,		T CELL COMPLETE		Whole Blood	Lavender Top					have T Cell Panel performed. CBC
T3 T0TAL   T3 T3 T0TAL   T3 T3 T0TAL   S4480   4 mL blood   Gel (Gold)   Core   S0-180 ng/GL   Chemituminescence   R = M-Sat   S4476   S4 mL blood   Gel (Gold)   Core   S4476   See Report   Immunoassay   2.3 days   Critical Values : T4   T4 T0TAL   S4436   T4 mL blood   Gel (Gold)   Gel (Gold)   Core   4.5-10.9 µg/dL   Chemiluminescence   R = M-Sat   Chemilumin	CD19, CD56)	TCELL	PANEL	86360	Required	Vac			Flow Cytometry	R = < 24 hrs.	billed separately.
Tauptake   Tauptake							Chemistry,				
T3 UPTAKE   T3UPQ   T3 UPTAKE SO   84479   4 mL blood   Gel (Gold)   (Quest)   See Report   Immunoassay   2-3 days   Critical Values : T4	T3 TOTAL	T3	T3 TOTAL	84480	4 mL blood			80-180 ng/dL	Chemiluminescence	R = M-Sat	
TACROLIMUS (FK506)   TACROLIMUS   TACROLIM											
T4 T0TAL	T3 UPTAKE	T3UPQ	T3 UPTAKE SO	84479	4 mL blood	Gel (Gold)	(Quest)	See Report	Immunoassay	2-3 days	
T4 TOTAL   T4 TOTAL   84436   4 mL blood   Gel (Gold)   Core   4.5-10.9 μg/dL   Chemilluminescence   R = M - Sat   2.0 μg/dL											
TACROLIMUS (FK506) (Prograf) TAC1 TACROLIMUS2 80197 TACROLIMUS2 80197 TACROLIMUS2 80197 Tequired Vac RIH TACROLIMUS Special Hematology, RIH Special Hematology, RIH Cytochemical R = M - Sat. Special Hematology, RIH Cytochemical R = 24 hrs. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology & State. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology & Find Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Call Toxicology @ 444-5858 to arrange for a Stat. Cal											
TACROLIMUS (FK506) (Prograf) TAC1 TACROLIMUS2 TACROLIM	T4 TOTAL	T4	T4 TOTAL	84436	4 mL blood	Gel (Gold)	Core	4.5-10.9 μg/dL	Chemiluminescence	R = M - Sat	2.0 ug/dL
TACROLIMUS (FK506) (Prograf) TAC1 TACROLIMUS2 TACROLIM					Onel blood						
(Prograf ) TAC1 TACROLIMUS2 80197 required Vac RIH 5.0 - 20.0 ng/mL Immunoassay (CMIA) S = 3 hrs for a Stat.  TARTRATE RESISTANT ACID PHOSPHATASE (TRAP) 88319 EDTA Blood EDTA Blood RIH CYtochemical R = 24 hrs. Call x 4-8342 to schedule.  See AFB order options based on specimen source R7206 87206 Sterile leakproof container Microbiology RIH September Source R5 QLOBIN Shipming Globulin) TBG GLOBIN R8442 5 mL blood Red Top Vac (Quest) See Report RIA R = 3-5 days Sent out.  TCR B PCR TCB PCR TCRBP TCR B PCR R3898 R3890 Sasses R3890 Rearrangement by PCR TCR B PCR TCR B PCR TCR B PCR TCR B PCR TCR B PCR TCR B PCR TCR B PCR TCR B PCR TCR B PCR R38980 Sasses R3890 Sas											
TARTRATE RESISTANT ACID PHOSPHATASE (TRAP)  See AFB order options based on specimen source  TB Culture and smear  TCXAFB  THYROXINE BINIDING Binding Globulin)  TBG  GLOBIN  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  TCRB PCR  See AFB order options based on specimen swill be rejected. Semiautomated R=6 Weeks Semiautomated detection and smear  Semiautomated R=6 Weeks Semiautomated detection and smear S=N/A  Semiautomated R=6 Weeks Tissues should be received in a sterile cup with a drop of sterile saline  TRR brown  TRR brown  Smub specimens will be rejected. Semiautomated detection and smear S=N/A  Reference Lab (Quest) See Report  RIA  R = 3-5 days Sent out.  Test performed M - F. See CSF, Body Fluid or Bone Marrow  Test performed M - F. See CSF, Body Fluid or Bone Marrow  TCR Brown  TCRB PCR  TCRB	` '										
ACID PHOSPHATASE (TRAP)  See AFB order options based on specimen source Bridge		TAC1	TACROLIMUS2	80197	required	Vac		5.0 - 20.0 ng/mL	Immunoassay (CMIA)	S = 3 hrs	for a Stat.
(TRAP)  See AFB order options based on specimen 87116 Source 87206 Source 98206 Sou					Dana Maria						
See AFB order options based on specimen source 87206 abscess only container Microbiology Negative detection and smear CXAFB  THYROXINE BINDING Binding Globulin)  TOR B PCR T Cell Receptor Beta Gene Rearrangement by PCR TCR B PCR T CRB PCR T CRB PCR T CRB PCR T CRB PCR T CRB PCR T CRB PCR T CRB PCR T CRB PCR T CRB PCR T CRB PCR R 38391 Sassos Sassos Sassos Serial leakproof in a sterile leakproof on totaliner Microbiology Negative detection and smear S=N/A See Report Reference Lab (Quest) See Report RIA R = 3-5 days Sent out.  Cilnical Cilnical Cilnical See CSF, Body Fluid or Bone Marrow Nolecular See CSF, Body Fluid or Bone Marrow See CSF or Bone Marrow IgH PCR, if				00040					Code ab aminal	D 04 has	Call v. 4.0340 to pake dula
TB Culture and smear CXAFB source 87206 scens only container Microbiology Negative Semiautomated detection and smear S=N/A cup with a drop of sterile saline S=N/A cup	(IRAP)			88319	ED I V BIOOG		KIΠ		Cytochemical	r = ∠4 nrs.	Call x 4-0542 to schedule.
TB Culture and smear CXAFB source 87206 scens only container Microbiology Negative Semiautomated detection and smear S=N/A cup with a drop of sterile saline S=N/A cup			Coo AED order entire:								Swah angaimana will be raigeted
TB Culture and smear CXAFB source 87206 abscess only container Microbiology Negative detection and smear S=N/A cup with a drop of sterile saline  THYROXINE BINDING Binding Globulin)  TBG  GLOBIN  84442  (Min) 2 mL blood Red Top Vac  Clinical TCR B PCR T Cell Receptor Beta Gene Rearrangement by PCR TCR B PCR TCR B PCR TCR B PCR 83891 83894 83894 83894 Rearrangement by PCR TCR B PCR TCR B PCR 83812  TCR B PCR 83898 Rearrangement by PCR TCR B PCR 83812  TCR B PCR 83898 Rearrangement by PCR TCR B PCR 83898 Rearrangement by PCR TCR B PCR 83898 Rearrangement by PCR TCR B PCR 83898 Rearrangement by PCR TCR B PCR 83898 Rearrangement by PCR TCR B PCR 83898 Rearrangement by PCR Rearrangement by PCR Rearrangement by PCR Rearrangement by PCR Rearrangement by Rearrangement by Rearrangement by Reference Lab (Quest) See Report RIA Reference Lab (Quest) See Report RIA Reference Lab (Quest) See Report Relar Clinical Molecular Biology, RIH Negative PCR Rearrangement by Reference Lab Red Top Vac Rearrangement by Rearrangement by Rearrangement by Rearrangement by Rearrangement by Rearrangement by Rearrangement Britana Rearrangement Britana Rearrangement Britana Rearrangement Brit				07116	Eluid tionus of	Ctorilo lookaf			Cominutemeted	B 6 Wooks	
TBG by RIA (Thyroxine Binding Globulin)  TBG  GLOBIN  84442  (Min) 2 mL blood  (Min) 2 mL blood  (Red Top Vac  (Quest)  See Report  RIA  R = 3-5 days  Sent out.  Test performed M - F.  See CSF, Body Fluid or Bone Marrow  Rearrangement by PCR  TCR B PCR  RIA  R = 3-5 days  Sent out.  Test performed M - F.  See CSF, Body Fluid or Bone Marrow  Biology, RIH  Negative  PCR  REA TOP Vac  Clinical  See CSF, Body Fluid or Bone Marrow  Igh PCR, if applicable.  Test performed M - F.  See CSF, Body Fluid or Bone Marrow  Igh PCR, if applicable.  Clinical  Clinical  Clinical  Clinical  Clinical  Clinical  Clinical  Clinical  See CSF, Body Fluid or Bone Marrow  Igh PCR, if applicable.  See CSF Body Fluid or Bone Marrow  Igh PCR, if applicable.  See CSF or Bone Marrow Igh PCR, if	TR Culture and amos:	CVAER	•				Microbiologi	Mogativa			
Binding Globulin   TBG   GLOBIN   84442   (Min ) 2 mL blood   Red Top Vac   (Quest)   See Report   RIA   R = 3-5 days   Sent out.		CVALR		01200		container		rvegative	uetection and smear	G=IV/A	cup with a drop of sterile sailine
Same   Same		TDC		94449		Pod Top Voc		Soo Poport	DIA	D _ 2 E dour	Sont out
TCR B PCR T Cell Receptor Beta Gene Rearrangement by PCR TCRBPC TCRBP TCRBP TCRBP TCRBP TCRBP TCRBP TCRBPC TCRBP TCRBPC TCRBPC TCRBP TCRBPC TCR	Diriding Globdin)	IDG	GLUBIN		(IVIII) Z IIIL DIOOCI	neu rop vac	(Anesi)	оее керин	IVIA	rx = 3-3 days	Jeni out.
T Cell Receptor Beta Gene Rearrangement by PCR TCRBP TCRBPCR 83912 or tissue biopsy Vac Biology, RIH Negative PCR Rearrangement by PCR	TCD D DCD				1		Clinical				Toot performed M. E.
Rearrangement by PCR         TCRBP         TCR B PCR         83912         or tissue biopsy         Vac         Biology, RIH         Negative         PCR         R = 2-4 days         IgH PCR, if applicable.           TCR B PCR         83898         Clinical         Clinical         Test performed M - F.           Gene Rearrangement by         83894         3 mL whole blood         Lavender Top         Molecular         See CSF or Bone Marrow IgH PCR, if					2 ml whole black	Lovender Tra					
TCR G PCR T Cell Receptor Gamma Gene Rearrangement by  83894 3 mL whole blood Lavender Top Molecular  See CSF or Bone Marrow IgH PCR, if		TORRE	TOD D DOD					Mogativa	DCB	D 2.4 do::-	
T Cell Receptor Gamma Gene Rearrangement by  83890 B3894 B3894 B3896 B3896 B3897 B3897 B3897 B3899 B38		ICKBP	ICK B PCK		or tissue biopsy	vac	ыоюду, КІН	rvegative	FUR	rx = ∠-4 days	ідп ғоқ, іг арріісаріе.
Gene Rearrangement by See CSF or Bone Marrow IgH PCR, if					ĺ						
					0	l accepted To					
		TOROR	TOD C 000					Mogativa	DCB	D 24 Jan.	
	FUR	ICKGP	TUR G PUR	83912	or tissue plopsy		0,7.	Negative	FUR	R = 2-4 days	applicable.
Bone Marrow or Special Homedate Too					Pana marrow						
Bone marrow or Lavender Top   Hematology,	TdT Stoin			00247				Mogativa	Flow Cutomotry	B 24 bro	
TdT Stain 88347 EDTA Blood Vac RIH Negative Flow Cytometry R = 24 hrs.	TUT STAIN			88347	ED I A BIOOG	vac	KIM	rvegative	riow Cytometry	r = 24 nrs.	

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
TEGRETOL (Carbamazepine)	CARBA	TEGRETOL LEVEL	80156	5 mL blood	Green Top Vac	Chemistry	Therapeutic Range: 8-12 ug/mL single drug 4-8 ug/mL multiple drug	PETINIA	R = 4 hrs. S = 1 hr.	Critical Value: > 15 ug/mL. First Incidence only Carbamazepine Peak: 1 - 5 hours Trough: immediately before next dose represents the most reliable value for dose rate adjustments.
TEICHOIC ACID AB	TEICA	TEIQUOIQ 40ID	00000	e al black	D. 1.T 1/	Reference Lab	O D	Immunodiffusion	D 57.1	0
Qualitative	TEICA	TEICHOIC ACID	86329	5 mL blood	Red Top Vac	(Quest)	See Report	High Performance	R = 5-7 days	Sent out.
TEMAZEPAM	TEMAZ	TEMAZEPAM	80154	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 0.4-0.9 ug/mL	Liquid Chromatography	R = Weekly S = 8 hrs.	Toxic >5.0 ug/mL
TESTOSTERONE, BIOAVAILABLE										One Birm with the Tout and the second
TESTOSTERONE										See Bioavailable Testosterone
(FREE)										See Free Testosterone
TESTOSTERONE (TOTAL)	TSTOS	TESTOSTERONE TOTAL	84403	5 mL blood	Red Top with Gel (Gold)	Chemistry, Core	Adult male: 270 - 1070 ng/dL Adult female: 14-76 ng/dL	Chemiluminescence	R = M-Sat	This may be ordered individually or is included in both Bioavailable and Free Testosterone groups
TETANUS TITER	TETAN	TETANUIC TI	00774	C II blood	Dad Tan Man	Reference Lab	Can Danast	EIA	D 5740	Comb and
(Anti-Toxoid)  TFT TSH Reflex Panel See Comments for Reflexive Rule TG	TETAN TSHR3	TETANUS TI  3rd GN TSH REFLEX	84443 84439* 84430*	5 mlL blood 4 mL blood	Red Top Vac  Red Top with Gel (Gold)	(Quest)  Chemistry, Core	0.35 - 5.5 uUI/mL	Chemiluminescence	R = 5-7 days  R = M - Sat	Sent out.  Reflexive Rule: If 3rd Gen TSH <0.35 uU/mL, then Free T4 and Total T3 will be ordered and billed.  If 3rd Gen TSH > 5.5 uU/mL, Free T4 will be ordered and billed.
(THYROGLOBULIN)										See Thyroglobulin
THALLIUM 24 HR URINE	UTL	U THALLIUM 24HR	83018	24 hr urine	Clean plastic (2 L) urine container with 25 mL 6N HCL (Ped): 3-5 mL 6N HCL	Toxicology, RIH	0 - 10 ug/24 hr.	Atomic Absoprtion	R = Fri. (Biweekly)	Refrigerate sample during collection. Preservative should be added prior to collecting sample.
THALLIUM RANDOM URINE	UTLR	U THALLIUM RANDOM	83018	Random urine	Clean plastic (100 mL) urine container	Toxicology, RIH		Atomic Absoprtion	R = Fri. (Biweekly)	
THEOPHYLLINE (Aminophylline)	THEO	THEOPHYLLINE	80198	5 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Therapeutic range: 10-20 µg/mL	PETINIA	R = 4 hrs. S = 1 hr.	Critical: > 30 µg/mL (First incidence only) Once dosing intervals have been consistent for 48 hours, peak serum levels should be obtained 2 hours after the administration of rapid release formulations or 4 hours after slow release formulations.
Thermoactinomyces Vulgaris Ab	THERM	THERMOPHILE PANEL	86331	3 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report		R = 14 days	
THIAMINE	HILINI	THE WOTTHER PANEL	00001	3 mL blood	Lavender Top	Reference Lab	Occ Report		IX - IT days	Sent out. Freeze sample and protect
(Vitamin B1)	VITB1	VIT B1	84425	Protect from light	Vac	(Quest)	See Report	HPLC	R = T & Th	from light.
				5 mL blood		Toxicology,	Theraputic Range: Nitroprusside Therapy: 5.5 - 29.0 ug/mL Non-smoker: 0-3 ug/mL		R = M-Sat	
THIOCYANATE	SCN	THIOCYANATE	84430	(Min) 3 mL blood	Red Top Vac	RIH	Smoker: 6-9 ug/mL	Spectrophotometry	S = 3  hrs.	Toxic: > 100 ug/mL.
THIORIDAZINE (Mellaril)	TRZNE	THIORIDAZINE	84022	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 100-2600 ng/mL	High Performance Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic: > 5,000 ng/mL
THIOTHIXENE	THIOX	THIOTHIXENE	82491	10 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	HPLC	R = 7-9 days	Sent out.
THORAZINE	111107	THOTHINLINE	02401	5 mL blood	rop vac	Toxicology,	Therapeutic range:	High Performance Liquid	R = Tu & F	
(CHLORPROMAZINE)	CPROM	CHLORPROMAZINE	84022	(Min) 3 mL blood	Red Top Vac	RIH	10-500 ng/mL.	Chromatography	S = 8 hrs.	Toxic: >1,000 ng/mL

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
Throat Chlamydia Probe THROAT CULTURE	THRCT	THROAT CHLAMYDIA PROBE	87491	Throat swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers) Replaced by Throat : Group A DNA Probe (direct hybridization).
Throat Gonorrhea Probe	THRCG	THROAT GC PROBE	97591	Throat swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro Molecular	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen- Probe collection kit for analysis. (Silver foil topped containers)
Throat Group A Strep Probe	GASPR	THROAT GROUP A DNA PROBE	87650	Throat Swab	Copan Double Swab	Microbiology, Coro	Negative	Direct hybridization	R= 24 hours	Test performed M-F and once during the weekend
Throat Rapid Strep Antigen	RSTRA	THROAT RAPID STREP A ANTIGEN	87430	Throat swab	Copan Double Swab	Microbiology	Negative	Antigen screen	R/S = 2 hr.	
Throat Trichomonas Probe	THRTV	THROAT TRICHOMONAS PROBE	87798	Throat swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers)
Throat Viral Culture THROMBIN TIME	CXVIR THROM	THROAT VIRAL CULT THROMBIN TIME	87252 85670	Throat Swab 2.7 mL blood	Copan swab placed into UTM Blue Top Vac	Virology, RIH Coagulation	Negative 18 - 24 seconds	Spin amplified detection for Influenza A, B, Para I, II, III, RSV, Adenovirus and HSV I & 2 Clottable	R =48 hours S = N/A R = < 4 hrs. S = Š 1 hr.	At RIH, UTM is available from Central 444-6107 At TMH,UTM supplied by Microbiology 793-4235 During Enterovirus season, TAT will be 5 days. Lab must be notified. Tube must contain at least 2.7 mL of blood to ensure accuracy. Thyroid Ab (Thyroglobulin
THYROGLOBULIN THYROGLOBULIN AUTOANTIBODIES	TG TGAB	THYROGLOBULIN TG THYROGLOBULIN AUTOANTIBODIES	84432 86800	5 mL blood 5 mL blood	Red Top with Gel (Gold) Red Top with Gel (Gold)	Chemistry, Core Chemistry, Core	1 - 35 ng/mL 0 - 60 IU/mL	Immunochemi- luminesence Immunochemi- luminesence	R = Monday R = M,Th	autoantibodies) must be performed and is included with all Thyroglobulin requests. Freeze immediately after spinning.  Freeze immediately after processing.
THYROID PANEL TSH Reflex Panel See Comments for Reflexive Rule  THYROID STIMULATING HORMONE	TSHR3	3rd GN TSH REFLEX	84443 84439* 84430*	4 mL blood	Red Top with Gel (Gold)	Chemistry, Core	0.35 - 5.5 uUI/mL	Chemiluminescence	R = M - Sat	Reflexive Rule: If 3rd Gen TSH <0.35 uU/mL, then Free T4 and Total T3 will be ordered and billed. If 3rd Gen TSH > 5.5 uU/mL, Free T4 will be ordered and billed.
(3rd Generation)  THYROID STIMULATING IMMUNOGLOBULIN (TSI)	TSH3G TSI	3RD GN TSH  THYROID  STIMULATING IMMUNOGLOB	84443 84445	(Min) 3 mL blood	Gel (Gold)  Red Top Vac	Core  Reference Lab (Quest)	0.350-5.500 μU/mL See Report.	Chemiluminescence	R = M - Sat R = 3-5 days	Sent out.

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TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
THYROTROPIN BINDING		THYROTROPIN			20	Reference Lab				Sent out. Set up on Tuesday and
INIHB IgG	TBII	BINDING INIHB IgG		5 mL blood	Red Top Vac	(Quest)	See Report.		R = 5-7 days	Friday mornings.
THYROXIN, FREE THYROXINE BINDING	FT4	FREE T4								See Free T4
GLOBULIN (TBG)										See TBG by RIA
Tissue AFB Culture and Smear	CXAFB	TISSUE AFB CULT AND SMEAR	87116 87206	Tissue	Sterile leakproof container	Microbiology	Negative	Semiautomated detection and smear	R = 6 Weeks S = N/A	Critical Value: Positive Tissues should be received in a sterile cup with a drop of sterile saline
TISSUE Chromosome			88230	3 mm(3) minimum	In sterile saline	Reference Lab (Quest)	Male: 46,XY Female: 46,XX	According to Moorhead et al., 1960		Tissue must be sterile. See Chromosome Study Tissue/Tumor
Tissue CMV Spin Amplified Culture	CXCMT	TISSUE CMV SPIN AMPLIFIED CULTURE	87254	Tissue	Sterile leakproof container	Virology, RIH	Negative	Spin amplified Cell Culture for CMV	R =48 hours S = N/A	Results available 48 hrs, M - F.
Tissue Culture and smear	CXANA	TISSUE ANAER AEROBIC C AND GS	87075 87205	Tissue	Sterile leakproof container	Microbiology	Negative	Aerobic, Anaerobic, Yeast Culture and gram stain	R = 5 DAYS S = N/A	
Tissue Fungal Culture and Smear	CXFUS	TISSUE FUNGAL CULT AND SMEAR	87102 87206	Tissue	Sterile leakproof container	Microbiology	Negative	Culture for yeast and mold. Smear: calcoflour	R = 4 weeks S = N.A.	Tissues should be received in a sterile cup with a drop of sterile saline.  Specimens received on swabs are unacceptable
TISSUE METAL ANALYSIS										Call ext. 4-5858 for sample handling.
TISSUE TRANSGLUTAMINASE IgA by EIA	TTG	TISS TRANSGLUTAMINASE BY EIA		5 mL Blood	Red Top with Gel (Gold)	Clinical Immunology, Core	Negative	EIA	R= M,T,Th & F	Negative : <20 Weak Pos. : 20 - 30 Mod. to Strong Pos: >30
Tissue Viral Culture TITER - ANTIBODY	CXVIR	TISSUE VIRAL CULT	87252	Tissue: Autopsy / biopsy specimens (liver, lymph node), lung tissue	Sterile leakproof container	Virology, RIH	Negative	Spin amplified detection for Influenza A, B, Para I, II, III, RSV, Adenovirus and HSV I & 2	R =48 hours S = N/A	If looking for Enterovirus, the lab must be called and notified. Critical values for prenatal patients
BLOOD BANK			86886	6 mL blood	Pink Plastic Vac	Blood Bank		Tube Test or Gel Test	R = 3-4 hrs.	dependling on antiboody.
TOBRAMYCIN LEVEL	TOBPR TOBPO TOBRA	TOBRA (PRE) TOBRA (POST) TOBRA (RAND)	80200	5 mL blood (Min) 3 mL blood	Green Top Vac with Gel (Mint)	Chemistry, RIH	1-2 ug/mL (Tobra-Pre) 5-10 ug/mL (Tobra-Post)	PETINIA	R = daily	Tobra (Pre) Toxic: > 2 µg/mL Tobra (Post) Toxic: > 10 µg/mL Tobra (Ran) Toxic: > 10 µg/mL Tobra (Ran) Toxic: > 10 µg/mL Draw blood prior to antibiotic dose.  Label 'pre'. Draw a second sample 40-60 min. after IV administration of antibiotic is finished. Label post.
TOCAINIDE	тос	TOCAINIDE	82491	5 mL blood (Min) 3 mL blood	Red Top Vac	TOXI	See Report	Gas Chromatography		Sent out.
TOFRANIL (IMIPRAMINE)	IMIP	IMIPRAMINE + DESIPRAMINE	80160 80174	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range Total: Imipramine plus Desipramine: 150-250 ng/mL	High Performance Liquid Chromatography	R = Tu & F S = 8 hrs.	Toxic: > 500 ng/mL Desipramine is performed and charged on all Imipramines.
TOPAMAX (TOPIRAMATE)	TOPA	TOPAMAX	80201	5 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	FPI		Sent out
(1.01 HAWAIL)	101.0	Of CHINA	See	S III SIGOU	Tion Top Value	Clinical Immunology,	<u>poor report</u>	Indirect Immunofluorescence (IFA), Chemiluninesence,		Torch titers should not be ordered as a group, the individual components must be ordered. Torch titers should not be performed w/o blood from the mother. Components include:  Toxoplasma:(IgG, IgM), Cytomegalo:(IgG, IgM) Rubella: (IgG, IgM);
TORCH Titers	See Comments	See Commets	Individual Assays	Mother: 5 mL blood Infant: 3 mL blood	Red Top with Gel (Gold) Green Top Vac	Reference Lab (Quest)	See Individual Assays	and Enzyme Immunoassay	R = once per week R = 4 hrs.	Herpes Simplex Type I & II IgG and HSV IgM Screen  Critical Values Total
TOTAL PROTEIN	TP	TOTAL PROTEIN	84155	4 mL blood		Chemistry	6.0 - 8.0 g/dL	Biuret	S = 1 hr.	Protein <4.0 g/dL or >12.0 g/dL

TEST NAME	LIS ORDER NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Turnaround Time	COMMENTS
TOTAL THYROXINE T4	NAWL	SWS ORDER WANTE	CFT Code	SF ECHNIEN	CONTAINER	LAD	REPERENCE RANGE	METHOD	rine	See T4 Total
TOXICARA CANIS AB	<b>T</b> 01/0	T01/0045445		5 mL blood	Red Top Vac	Reference Lab		51104		
(Visceral Larvae Migrans)	TOXO	TOXOCARA AB	86682	(Min) 3 mL blood	(no gel)	(Quest) Clinical	See Report	ELISA Indirect	-	Sent out.
TOXOPLASMA				5 mL blood	Red Top with	Immunology,		Immunofluorescence	R = once a	
IGM Titers	TOXOM	TOXO IGM	86778	(Min) 3 mL blood	Gel (Gold)	Core	Toxo IgM < 1:8	(IFA)	week	
						Clinical		Indirect		
TOXOPLASMA	T01/00	T01/0 /00		5 mL blood	Red Top with	Immunology,		Immunofluorescence	R = once a	
IGG Titers TRANSCORTIN (Cortisol	TOXOG	TOXO IGG	86777	(Min) 3 mL blood	Gel (Gold)	Core	Toxo IgG < 1:6	(IFA)	week	
Binding Glob)										See CBG (Cortisol Binding Globulin)
TRANSFERRIN	TRANS	TRANSFERRIN	84466	5 mL blood	Red Top with Gel (Gold)	Clinical Immunology, Core	202-336 mg/dL	Nephelometry	R = M - F	- Comment of the comm
TRANSFERRIN SATURATION	TSAT	NOT ORDERABLE	NA*	NA	NA	Chemistry	15-50%	Calcuation	R=Daily	Transferrin Saturation is a calculation utilizing both the Iron and TIBC. If Transferrin Saturation is ordered, both an Iron (83540) and a TIBC (83550) will be performed and billed.
TRANSFUSION		TRANSFUSION							S = 45-120	Follow instructions on back of
REACTION WORK-UP	POSA1	REACTION WU RIH		6 mL blood	Pink Plastic Vac	Blood Bank		Gel Test	min.	transfusion slip.
TRANSPLANT WORKUP- PATIENT BONE		HLA TRANSPLANT	86813 86817		Call Blood	Blood Bank				Call Blood Bank for Requisition and tubes. Draw Monday, Tuesday, Wednesday or Thursday only in early AM. Once collected, send samples to the Blood Bank. Phlebotomist must write their first initial and complete last name on label, as with other Blood Bank samples. Keep at Room
MARROW or STEM CELL	HLATP	PATIENT	86807	See Comments	Bank	sends to RIBC		See Report	R = 6-12 days	Temperature.
TRANXENE	TRANX	TRANXENE	80154	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 0.1-1.5 µg/mL as NORDIAZEPAM	High Performance Liquid Chromatography High Performance	R = Weekly S = 8 hrs.	Toxic: > 5 µg/mL
TRAZODONE (Desyrel)	TRAZ	TRAZODONE	82491	5 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 0.8 - I.6 ug/mL	Liquid Chromatography	R = Weekly S = 8 hrs.	Toxic: > 5 μg/mL
TREPONEMA AB	TREPA	TREPONEMA AB	86781	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	IFA	R = 2-5 days	Sent to Focus via Quest
TRF CHALLENGE										Call Ext 4-8152 to schedule and for assistance.
TRICHINOSIS AB	TRIAB	TRICHINELLA AB	86784 X3	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report	Enzyme Linked Immunosorbent Immunoassay	3-5 days	Sent out.
					Green Top Vac	Chemistry,	Desirable: <150 mg/dL Borderline: 150-199 mg/dL	Oxidation of L-Alpha- Glycerophosphate @		Patient should be fasting 12 hours prior
TRIGLYCERIDE	TRIG	TRIGLYCERIDES	84478	4 mL blood	with Gel (Mint)	Core	High: >199 mg/dL	37°C	R = Daily	to sample being collected.
TRIIODOTHYRONINE *FREE	FT3	FREE T3								See Free T3
TRIIODOTHYRONINE										
TOTAL	T3	T3 TOTAL	1			Differen			<b>_</b>	See T3 Total
TRILEPTAL (Oxcarbazepine)	OXCAR	OXCARBAZEPINE LEVEL	82491	5 mL Blood	Red Top Vac	Reference Lab, (AML)	See Report	1	R= 5-7 days	
TRIMIPRAMINE	TIMIP	TRIMIPRAMINE	82491	5 mL blood (Min) 3 mL blood	Red Top Vac	TOXI	See Report	High Performance Liquid Chromatography		Toxic: >450 ng/mL
TROPHERYMA WHIPPLEI	i iivliiF	TIMINII TAMINIINE	02431	(IVIII) 5 IIIL DIOOG	nou rop vac	IOAI	OGG Report	omomatograpmy	11 - 2-3 uays	TONIO. 2TOV HY/IIIL
DNA BY PCR Troponin I	WHIPP	WHIPPLE DIS PCR TROPONIN I	84484	5 mL blood	Green Top Vac	Chemistry	0-0.15 ng/mL - Negative	Chemiluminesence	R = 2 hrs S = 1 hr	See Whipples Disease  If sample is collected with other routine Chemistry testing, a second Green top tube with gel should be submitted.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
						Reference Lab				Sent out.
TRYPSIN	TRYP	TRYPSIN LEVEL	83519	5 mL blood	Red Top Vac	(Quest)	See Report.	RIA	R = 7-10 days	
TRYPSINOGEN	TRYPO	TRYPSINOGEN	83519	5 mL blood	Red Top Vac	Reference Lab (Quest)	See Report.	RIA	R = 7-10 days	Sent out. Code 65552 Ship Frozen
TRIFSINOGEN	IKIFO	TRTFSINOGEN	03319	3 IIIL DIOOG	Red Top Vac	Reference Lab	See Report.	Fluorenzyme	K = 7-10 days	Ship Frozen
TRYPTASE	TRYPT	TRYPTASE	83519	5 mL blood	Red Top Vac	(Quest)	See Report.	Immunoassay	R = 3-5 days	Sent out.
						Reference Lab	Normal values are age			
TRYPTOPHAN	TRP	TRYPTOPHAN	82131	3 mL blood	Green Top Vac	(Quest)	dependent.		R = 2-4 days	
TSH REFLEX TSH Reflex Panel	TSHR3	3rd GN TSH REFLEX	84443 84439* 84430*	4 mL blood	Red Top with Gel (Gold)	Chemistry, Core	0.35 - 5.5 uUI/mL	Chemiluminescence	R = M - Sat	Reflexive Rule: If 3rd Gen TSH <0.35 uU/mL, then Free T4 and Total T3 will be ordered and billed. If 3rd Gen TSH > 5.5 uU/mL, Free T4 will be ordered and billed.
TSH, 3RD GENERATION	TSH3G	3RD GN TSH	84443	4 mL blood (Min) 3 mL blood	Red Top with Gel (Gold)	Chemistry, Core	0.350-5.500 uU/mL	Chemiluminescence	R = M-Sat	
TSI	101100	THYROID	04440	3 IIIE Blood	Ger (Gold)	Core	0.330-3.300 dO/IIIL	Chemiuminescence	IX = IVI-Oat	
Thyroid Stimulating		STIMULATING								See Thyroid Stimulating
Immunoglobulin	TSI	IMMUNOGLOB								Immunoglobulin
		TISS				Clinical				
TTG - IgA	TTG	TRANSGLUTAMINASE BY EIA		5 mL Blood	Red Top with Gel (Gold)	Immunology, Core	< 20 units	EIA	R= M,T,Th &	
TULAREMIA	TULAR	DILIA		3 IIIL DIOOG	Ger (Gold)	Core	C 20 units	LIA	<u>'</u>	See Francisella
TYPE and CROSSMATCH See Comments for Reflexive Rule  TYPE and SCREEN See Comments for Reflexive Rule  TYPHUS and ROCKY MOUNTAIN SPOTTED FEVER ANTIBODIES UNFRACTIONATED	TSG *RC TSG	TYPE & CROSS WILL BE DELETED FROM SMS: ORDER TYPE AND SCREEN and CROSSMATCH RED CELLS  TYPE AND SCREEN RIH TMH  TYPHUS and RMSF IgG and IgM	86850 86920 86921 86922 86922 86902 86900 86901 86850	Adults: 6 mL blood Whole Blood Required Pediatrics: 3 mL blood  Adults: 6 mL blood Whole Blood Required Pediatrics: 3 mL blood  5 mL blood	Adults: Pink Plastic Vac Pediatrics: lavender or red top vac  Adults: Pink Plastic Vac Pediatrics: lavender or red top vac  Red Top Vac	Blood Bank  Blood Bank  Reference Lab (Quest)	Negative Screen  Negative Screen  See Report	Gel Test  Gel Test	R = 80-120 min. S = 45-60 min. R = 80-120 min. S = 45-60 min.	Reflexive Rule : A Positive Antibody Screen may reflex an Antibody Identification, Special Typing, and/or a direct Coombs Test (DAT) depending on when the last one was done. Note : Specimen drawn from patient will be held for 72 hours. No blood will be crossmatched nor held on call unless requested within those 72 hours.  Reflexive Rule : A Positive Antibody Screen may reflex an Antibody Identification, Special Typing, and/or a direct Coombs Test (DAT) depending on when the last one was done. Note : Specimen drawn from patient will be held for 72 hours. No blood will be crossmatched nor held on call unless requested within those 72 hours. Sent out. Includes both IgG and IgM to both Typhus and RMSF
HEPARIN ANTI Xa	AXA	ANTI Xa								See Anti Xa
uKnow Peanut Molecular		uKnow Peanut Molecular			Red Top Vac	Reference Lab				
Comp	PEACO	Сотр	86003x5	5 mL Blood	with Gel (Gold)	(Quest)	See Report		R = 3-5 days	
UREA NITROGEN (BUN)	BUN	BUN	84520	4 mL blood	Green Top Vac with Gel (Mint)	Chemistry	6-24 mg/dL	Urease	R = 4 hrs. S = 1 hr.	Call Values: BUN > 65 mg/dL(first time only)
CALA MITAGGEN (BON)	DOIN	DON	07320	- ALL DIOOU	Clean plastic (2	Chemistry	U 2-4 HIG/UL	018436	J = 1 III.	oo mg/ac(mat time omy)
UREA NITROGEN (BUN)					L) urine					
12 hr urine	UUN12	U UREA 12HR	84540	12 hr urine	container	Chemistry		Urease	R = daily	Refrigerate specimen during collection.
LIDEA NITROSELLISTI			·		Clean plastic (2					
UREA NITROGEN (BUN)	LILINOA	IIIIDEA SAUD	9.4F.4O	24 hr urino	L) urine	Chomists:	6 14 am/24 hr	Urosco	P = doily	Pofrigorate specimen during collection
24 hr urine	UUN24	U UREA 24HR	84540	24 hr urine	container Clean plastic	Chemistry	6 -14 gm/24 hr	Urease	R = daily	Refrigerate specimen during collection.
UREA NITROGEN (BUN)					(100 mL) urine					
Random Urine	UUNR	U UREA RANDOM	84540	Random urine	container	Chemistry		Urease	R = daily	
UREAPLASMA CULTURE										See Mycoplasma Culture Urogenital

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
					Gen - Probe Collection Kit					
					available from					
					Stores					
					Specimen must					Critical Value:
					be placed in	l				Positive results on patients <14. Blue
		URETHRAL			tube prior to delivery to	Molecular Microbiology		Transcription Mediated Amplification		swab should be submitted in Gen- Probe collection kit for analysis.
Urethral Chlamydia Probe	URECT	CHLAMYDIA PROBE	87591	Urethral Swab	laboratory.	Coro	Negative	(TMA)	R = M-F	(Silver foil topped containers)
,					Gen - Probe		Ü	,		,
					Collection Kit					
					available from					
					Stores Specimen must					Critical Value:
					be placed in					Positive results on patients <14. Blue
					tube prior to	Molecular		Transcription Mediated		swab should be submitted in Gen-
I		URETHRAL			delivery to	Microbiology		Amplification		Probe collection kit for analysis.
Urethral Gonorrhea Probe	UREGC	GONORRHEA PROBE	87591	Urethral Swab	laboratory.	Coro	Negative	(TMA)	R = M-F	(Silver foil topped containers)
					Gen - Probe Collection Kit					
					available from					
					Stores					
					Specimen must					Critical Value:
		MALE URETHRAL			be placed in	Malagulan		Tananasiatian Madiatad		Positive results on patients <14. Blue swab should be submitted in Gen-
Urethra Trichomonas		TRICH VAGINALIS			tube prior to delivery to	Molecular Microbiology		Transcription Mediated Amplification		Probe collection kit for analysis.
vaginalis Probe	URLTV	PROBE	87798	Urethral Swab	laboratory.	Coro	Negative	(TMA)	R = M-F	(Silver foil topped containers)
					Green Top Vac		M: 3.5-8.5 mg/dL		R = 4 hrs.	
URIC ACID	URIC	URIC ACID	84550	4 mL blood	with Gel (Mint)	Chemistry	F: 2.6-6.0 mg/dL	Uricase	S = 1 hr.	
URIC ACID					Clean plastic (2 L) urine					
12 hr urine	UUA12	U URIC ACID 12 HR	84560	12 hr urine	container	Chemistry		Uricase	R = daily	Refrigerate specimen during collection.
					Clean plastic (2					
URIC ACID 24 hr urine	UUA24	U URIC ACID 24 HR	84560	24 hr urine	L) urine container	Chemistry	0.2 - 2.0 gm/24 hr	Uricase	R = daily	Refrigerate specimen during collection.
24 III ullile	00A24	O ONIC ACID 24 TIN	04300	24 III ullile	Clean plastic	Criemistry	0.2 - 2.0 gm/24 m	Olicase	K = daliy	Refrigerate specimen during conection.
URIC ACID					(100 mL) urine					
Random Urine	UUAR	U URIC ACID RANDOM	84560	Random urine	container	Chemistry		Uricase	R = daily	
					Urine specimen					
					(100 mL)			Cytospin Wright's		
URINALYSIS Eosinophil	UEOS	U EOSIN	87205	Random urine	container	Urinalysis	0/100 WBC	Stain	R=daily	
							Sp. Gr.: 1.010-1.030			
							pH: 5.0-8.0 Protein: Negative Glucose:			
							Negative Blood: Negative			
							Ketones: Negative			
							Bile: Negative			
							Uro: 0.1-1.0 E.U./dL Nitrite: Negative			
							Leukocyte: Negative			
							Microscopic Ranges			
							RBC 0-5 Females			
							RBC 0-3 males WBC			
							0-4 females WBC 0-6 males Casts			If sample has a positive protein, blood, nitrite or leukocyte a Microscopic
							0/LPF except Hyaline 0-2			Urinalysis (CPT 81001) is ordered and
							Crystals Absent			the original UA is credited. Specimens
							Epithelial Cells			refrigerated for over 4 hours will be
LIDINAL VOIC DOLUTINE					Ulaha a aa cetee c		Squamous <1/HPF or			discarded and new ones requested.
URINALYSIS-ROUTINE See Comments for				Preferably first A.M	Urine specimen (100 mL)		<20/LPF Transitional <1/HPF	Automated Dip-Stick		To request that sperm be noted, you must order Urine Sperm Confirmatory
Reflexive Rule	UA	UA	81003	specimen	container	Urinalysis	Renal 0-3/HPF	Reader BMD CUA	R & S = 1 hr.	on Invision/Medhost or URSPM on Soft.
URINE Urocytogram						Cytology				See Cytology Section.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
Urine AFB Culture and smear	CXAFB	URINE AFB CULT AND SMEAR	87116 87206	Urine	Sterile leakproof container	Microbiology	Negative	Semiautomated detection and smear	R=6 Weeks S=N/A	Critical Value: Positive
Urine Chlamydia Probe	URICT	URINE CHLAMYDIA PROBE	87491	Urine	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers)
Urine CMV Spin Amp Culture	CXCMU	URINE CMV SPIN AMP CULT	87254	Urine	Sterile leakproof container	Virology, RIH	Negative	Spin Amplified Cell Culture for CMV	R =48 hours S = N/A	Results available 48 hours. Test performed M - F.
URINE Condyloma						Cytology		Bartadal adian		See Cytology Section.
Urine Culture	CXURN	URINE CULT	87086	Urine	Sterile leakproof container	Microbiology	Negative	Bacterial culture including yeast with colony count	R = 24-48 hrs S = N/A	Indicate specific source i.e. Clean catch, foley, straight cath, etc.
Urine Fungal Culture and smear	CXFUS	URINE FUNGAL CULT AND SMEAR	87102 87206	Urine	Sterile leakproof /container	Microbiology	Negative	Culture for yeast. Smear: calcoflour	R = 1 wk S = N/A	If not received within 2 hours or no collection time noted, smear will not be performed
Urine Gonorrhea Probe	URIGC	URINE GONORRHEA PROBE	87591	Urine	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers) Both a Random Urine Protein and
Urine Protein Creatinine Ratio	UTPCR	U Protein Creat Ratio		Urine	Urine specimen container	Chemistry				Random Urine Creatinine will be performed to obtain the ratio.
URINE PROTEIN ELECTROPHORESIS (UPEP) See Comments for Reflexive Rules	UPEP	U PROTEIN ELECTROPHORESIS	84165	Random urine	Urine specimen container	Clinical Immunology, Core	No protein detected	Electrophoretic Separation of Proteins (SPE)	R = 5-7 days	If a monoclonal protein is detected, an UIFE (CPT 86334) will be performed and charged.
Urine Trichomonas vaginalis Probe URINE Tumor Cells	URNTV	URINE TRICH VAGINALIS PROBE	87798	Urine	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro Cytology	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers) See Cytology Section.
					Sterile leakproof			Spin amplified detection for	R =48 hours	
Urine Viral Culture	CXVIR	URINE VIRAL CULT	87252	Urine	Container	Virology, RIH	Negative	Adenovirus	S = N/A	
Vaginal Chlamydia Probe	VAGCT	VAGINAL CHLAMYDIA PROBE	87591	Vaginal Swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers)

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
Vaginal Gonorrhea Probe	VAGGC	VAGINAL GONORRHEA PROBE	87591	Vaginal Swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen- Probe collection kit for analysis. (Silver foil topped containers)
VAGINAL SMEAR						Cytology				See Cytology Section.
Vaginal Trichomonas vaginalis Probe	VAGTV	VAGINAL TRICH VAGINALIS PROBE	87798	Vaginal Swab	Gen - Probe Collection Kit available from Stores Specimen must be placed in tube prior to delivery to laboratory.	Molecular Microbiology Coro	Negative	Transcription Mediated Amplification (TMA)	R = M-F	Critical Value: Positive results on patients <14. Blue swab should be submitted in Gen-Probe collection kit for analysis. (Silver foil topped containers)
	-	VALIUM		3	,			High Performance		Toxic: > 5 μg/mL
VALIUM (Diazepam)	VAL	DIAZEPAM AND NORDIAZEPAM	80154 82491	5 mL blood (Min) 3 mL blood	Red Top Vac	Toxicology, RIH	Therapeutic Range: 0.1-1.5 ug/mL	Liquid Chromatography	R = Weekly S = 8 hrs.	Nordiazepam is performed and charged on all requests.
VALPROIC ACID (Depakene)	VALP	VALPROIC	80164	3 mL blood	Green Top Vac with Gel (Mint)	Chemistry	Therapeutic range: 50-100 ug/mL	PETINIA	R = Daily S = 2 hrs.	Critical: >150 ug/mL (First incidence only) VPA Peak depends on how drug was administered. Syrup: 0.5- 1 hour Capsule 1-3 hrs Coated Capsule 2-6 hrs. Trough: immediately before next dose may be the most reliable value for dose related adjustments.
VANCOMYCIN LEVEL	VANTR VANPO VANRA	VANCOMYCIN TROUGH VANCOMYCIN PEAK VANCOMYCIN RANDOM	80202	5 mL blood (Min) 3 mL blood Spin within 4 hrs.	Green Top Vac with Gel (Mint)	Chemistry	15-20 ug/mL (Vanco- Trough) 30-40 ug/mL (Vanco-Peak)		R = Daily	Critical: Trough > 20 µg/mL Critical : Peak >80 ug/mL Critical: Random >80 ug/mL (First incidence only) Vancomycin Peak : 1 hr post infusion Trough : Immediately prior to next dose. Outreach Sites : If you are unable to send to lab within 4 hours, sample must be spun and plasma poured off into transfer tube and sent to the lab.
VAP CHOLESTEROL	VAPC	VAP CHOLESTEROL	83701 84478	5 mL Blood	Red Top with Gel (Gold)	Reference Lab (Quest)	Soo Poport	Ultracentrafuge with Spectrophotometry	R = 6-10 days	Includes VLDL.
Varicella DFA stain	DFVZV	VESICLE RAPID DFA VARICELLA	87290	Specimen from vesicle inoculated on three well slides	Obtain 3 well slides from Virology, RIH Lab		See Report  Negative	DFA	R = 6-10 days R = 4 hrs. S = 2 hrs.	DFHSV and DFVZV must be ordered seperately. Results available same day, if received at RIH by 3:00 P.M. M-F
VARICELLA ZOSTER IgG ANTIBODY Titer VARICELLA ZOSTER IgM	VZG	VARICELLA IGG EIA VARICELLA ZOSTER	86787	3.0 mL blood	Red Top with Gel (Gold) Red Top with	Clinical Immunology, Core Reference Lab	< 0.900 Negative 0.91 - 1.09 Equivocal >1.10 Positive INDEX VALUE	EIA	R = M,W,F	Index Value Interpretation: ≤ 0.90 Negative (no previous infection) 0.91-1.09 Equivocal (recommend repeat testing) ≥1.10 Positive (previous or current infection)
ANTIBODY Titer VARICELLA ZOSTER	VZVM	IGM	86787	3.0 mL blood 3 mL blood	Gel (Gold)	(Quest)	See Report		R = 3-5 days	Test performed M. E. Coo
VARICELLA ZOSTER VIRUS by PCR VZV by PCR	VZVPC	VZV PCR	87496	Whole Blood Required	Lavender Top Vac	Clinical Molecular Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F See CSF or Body Fluid VZV PCR, if applicable.

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
				5 mL blood						
		ARGININE		ON ICE	Lavender Top	Reference Lab				
VASOPRESSIN (Arginine)	AVP	VASOPRESSIN	84588	(Min) 1.5 mL blood	Vac	(Quest) Reference Lab	See Report.	Extraction, RIA	R = 3-5 days R = 10-15	Sent out.
VERAPAMIL	VERA	VERAPAMIL	82491	5 mL blood	Red Top Vac	(Quest)	See Report	HPLC	days	Sent out.
					·		·			UTM supplied by Virology, RIH,
		VEOR E OU T FOR		0	0				D 4	444-5655. Varicella
Vesicle Culture for HSV	CXVES	VESICLE CULT FOR HSV	87252	Specimen from vesicle	Copan swab placed into UTM	Virology, RIH	Negative	Cell Culture for Herpes	R= 1 week S= N.A.	Culture done by request, TAT = 14 days
					Obtain 3 well					·
				Specimen from	slides from					DFHSV and DFVZV must be ordered
Vesicle Herpes I and II Stain	DFHSV	VESICLE DFA HERPES I AND II	87274	vesicle inoculated on three well slides	Virology, RIH Lab	Virology, RIH	Negative	DFA	R = 4  hrs. S = 2  hrs.	seperately. Results available same day, if received at RIH by 3 PM, M-F
Otalii	Di 110V	TANDII	0/2/4	on tinee wen sides	Obtain 3 well	virology, IXII I	regative	DIA	0 = 2 1113.	day, ii received at Mir by 51 m, m-i
				Specimen from	slides from					DFHSV and DFVZV must be ordered
VESICLE RAPID DFA	DE) (7) (	VESICLE RAPID DFA	07000	vesicle inoculated	Virology, RIH	Maria and Bill	Managara (	DE4	R = 4 hrs.	seperately. Results available same
VARICELLA	DFVZV	VARICELLA	87290	on three well slides	Lab Carey Blair	Virology, RIH	Negative	DFA	S = 2 hrs.	day, if received at RIH by 3 PM, M-F
					Transport					
					Medium					
					available from Stores			Culture to R/O Vibrio	R = 48HRS	
Vibrio Culture	CXVIB	STOOL VIBRIO CULT	87046	Stool	Item#115532	Microbiology	Negative	only	S = N/A	See Culture, Stool, Vibrio
VIP (VASOACTIVE							- U			
INTESTINAL POLYPEPTIDE)	\/ID	VASOACTAIVE INTEST	0.4500	10 mL blood ON ICE	Lavender Top	Reference Lab	Can Danast	Francisco DIA	D 05 days	Sant and
POLTPEPTIDE)	VIP	POLYPEP	84586	Nasal	Vac x2	(Quest)	See Report.	Extraction, RIA	R = 3-5 days	Sent out.
				Rectal						
				Stool						
				Throat Eye				Spin amplified detection for Influenza		
				Ear	Copan Swab			A, B, Para I, II, III, RSV		At RIH, UTM is available from Central
				Sputum	placed into UTM			and Adenovirus		444-6107 At TMH,UTM supplied by
		Order by specimen		Lung Tissue Autopsy / Biopsy	or Sterile leakproof			HSV I&II will be included on appropiate	D 49 hrs	Microbiology 793-4235 During Enterovirus season, TAT will be
Viral Culture	CXVIR	source	87252	Pleural Fluid	container	Virology, RIH	Negative	specimen types	S= N/A	5 days. Lab must be notified.
						377	- 3	.,		
								Measurement of		
								volume of fluid per unit timeunder a given		
						Clinical		pressure which passes		
VISCOSITY	\#000	\#0000#TV	05040	40	0 D . I T	Immunology,		through a tube of	D 01	Total and Company I M. F.
Serum ONLY	VISCO	VISCOSITY	85810	10 mL blood ON ICE	2 Red Top Vac	Core	1.4-1.8	known dimensions. High Performance	R = 2 hrs.	Test performed M - F.
				3 mL blood		Reference Lab		Liquid		
VITAMIN A	VITA	VIT A	84590	Protect from light.	Red Top Vac	(Quest)	See Report	Chromatography	R = M, W, F	Sent out. Protect from light.
				3 mL blood ON ICE Protect	Lavender Top	Reference Lab				Sent out. Freeze sample and protect
VITAMIN B1 (THIAMINE)	BITB1	VIT B1	84425	from light	Vac	(Quest)	See Report	HPLC	R = T & Th	from light.
					Red Top with	Chemistry			_	
VITAMIN B12 VITAMIN B12 BINDING	B12	VIT B12	82607	5 mL blood	Gel (Gold)	Core	211-911 pg/mL	Chemiluminescence	R = M-S	
CAPACITY,										
UNSATURATED				5 mL blood		Reference Lab				
(TRANSCOBALAMIN)	VITBU	VIT B12 UN	82608	(Min) 2 mL blood	Red Top Vac	(Quest)	See Report.	Radiobinding Assay	R = 3-5 days	Sent out. Serum refrigerated
				5 mL blood	Lavender Top					
				Protect from light.	Vac Protect	Reference Lab				Protect from light. Ship to Reference
VITAMIN B2 (Riboflavin)	VITB2	VIT B2	84252	On ice.	from light.	(Quest)	See Report	Enzymatic	R = 3-5 days	Lab as frozen plasma.
				5 mL blood ON	Lavender Top					
VITAMIN B6 (Pyridoxal				ICE Protect	Vac Protect	Reference Lab				Sent out.
Phosphate)	VITB6	VIT B6	84207	from light	from light	(Quest)	See Report.	HPLC	R = T & Th	Ship Plasma Frozen.

	LIS ORDER			1	f · · · · · · · · · · · · · · · · · · ·	1		1	Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
VITAMIN C	VITC	VIT C	82180	5 mL blood ON ICE Protect from light	Red Top Vac Protect from Light.	Reference Lab (Quest)	See Report.	Spectrophotometry	R = T & Th	Sent out. Freeze sample and protect from light.
VITAMIN D, 1, 25- Dihydroxy	VD125	VIT D 1 25	82652							See One, 25 Dihydroxyvitamin D
VITAMIN D, 25-Hydroxy	VID3	VIT D 25 OH TOTAL D	82306	5 mL blood	Red Top with Gel (Gold) Vac	Chemistry, Core	Deficiency <20 ng/mL Insufficiency 21-29 Sufficiency 30-100 Toxicity >100 ng/mL	Chemiluminescence	R = M - F	Refrigerate serum. Stable for 5 days.
VITAMIN E	VITE	VIT E CHE	84446	5 mL blood Protect from light	Red Top Vac Protect from Light. Lavender Top	Reference Lab (Quest)	See Report.	High Performance Liquid Chromatography	R = M, W, F	Sent out. Freeze serum aliquot and ship on dry ice. Protect from light.
VITAMIN K1	VITK	VIT K	84597	5 mL blood Protect From Light	Vac Protect From Light	Reference Lab (Quest)	See Report.	HPLC	R = 5-7 days	Sent out.  Protect from light and ship plasma frozen on dry ice.
VLDL	VAPC	VIII	64597	Light	Light	(Quest)	зее кероп.	HELC	R = 5-7 days	VLDL is a component of VAP cholesterol.
VOLATILE ALCOHOL SCREEN	VALC	VOLATILE ALCOHOL	82055 84600 84600 82010	5 mL blood	Red Top Vac	Toxicology, RIH	See Report	Gas Chromatography	R = M-Sat	When ordered, an Ethanol, Methanol, Isopropanol and Quantitative Acetone will be performed and billed. If needed Stat on Sunday or on the Night shift, a Toxicologist must be called in to perform.
VMA 24 Hr Urine (Vanillymandelic Acid)	UVMAA	U VMA ADULT	84585	24 hr urine	Clean plastic (2 L) container with 25 mL 6N HCL (Ped): 3-5 mL 6N HCL	Toxicology, RIH	Adult: 1-10 mg/24 hr	Diazotized P- Nitroaniline	R = Weekly	Preservative should be added to container before sample is collected. Special diet should be maintained for 48 hours prior to the start of the collection. Call 444-5858 for instructions. Refrigerate sample during collection.
VMA/Creat Ratio Children RANDOM URINE	UVMAC	U VMA CHILD	84585	Random urine	Clean plastic (100 mL) urine container 6N HCL added in Lab on receipt.	Toxicology,	VMA/Creat Ratio: 0-1yr: 11-31 μg/mg Cr 1-5 yrs: 5-21 μg/mg Cr 6-10 yrs:3-15 μg/mg Cr	Diazotized P- Nitroaniline	R = Weekly	Special diet should be maintained for 48 hours prior to the collection. Laboratory will add preservative upon receipt of sample.
VOLTAGE GATED CALCIUM CHANNEL ANTIBODY	VOLT	VOLT GATED CALCIUM IGG	83519	5 mL Blood	Red Top Vac	Reference Lab, (Quest)	See Report	Radiobinding Assay	,	Sent out. Send Frozen.
VON WILLEBRAND' MULTIMERIC ANALYSIS VON WILLEBRAND'S	VWMUL	VW MULTIMER VON WILLEBRAND'S	85247	4.5 mL blood 9.0 mL blood	Blue Top Vac	Reference Lab, (Quest) Coagulation,	See Report	Electrophoresis	R = 7 days R = 1 week	Sample should be spun, plasma taken off and put into plastic tube. The plasma should be respun and the plasma split between two transport tubes and frozen immediately by lab.  Component of WWF Screen. See VW
ANTIGEN (VWF:Ag)	VWF AG	ANTIGEN	85246 85610	ON ICE	2 Blue Top Vac	RIH	50 - 150%	Elisa Assay	S = 6 hrs.	Screen
VON WILLEBRAND'S DISEASE SCREEN	VW SCR	VON WILLEBRAND's SCREEN	85730 85240 85246 85245	13.5 mL blood	3 Blue Top Vac	Coagulation, RIH	See Report	Clottable, Elisa, Platelet Aggregation	R = 1 week S = 6 hrs.	Test panel includes PT, PTT, F-VIII, CBA, VWF Antigen, Ristocetin Co- factor. Outpatients must order tests individually, if needed.
VZV PCR Varicella Zoster Virus by PCR	VZVPC	VARICALLA ZOSTER PCR	87496	3 mL bloood Whole Blood Required	Lavender Top Vac	Clinical Molecular Biology, RIH	Negative	PCR	R = 2-4 days	Test performed M - F See CSF or Body Fluid VZV PCR, if applicable.
WEST NILE VIRUS IGG AND IGM	WNV	WEST NILE IGG AND IGM	86788 86789	5 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	ELISA		Sent out
WEST NILE VIRUS RNA PCR WESTERGREN	WNVP	WEST NILE PCR	87798	3 mL Blood	Red Top Vac	Reference Lab (Quest)	See Report	PCR		Sent out See Sed Rate Westergren
WESTERGREN WESTERN EQUINE ENCEPHALITIS	ARIM1	ARBOVIRUS IGM AB PANEL	86651 86652 86653 86654	5 mL blood	Red Top with Gel (Gold)	Reference Lab	See Report		R =14 days	Includes St. Louis, EEE, WEE and CAE. Sent to Focus via Quest

	LIS ORDER								Turnaround	
TEST NAME	NAME	SMS ORDER NAME	CPT Code	SPECIMEN	CONTAINER	LAB	REFERENCE RANGE	METHOD	Time	COMMENTS
WHEAT ANTIBODY						Clinical				
(See Anti-Gliadin IgA and					Red Top with	Immunology,			R = once per	
lgG)				5 mL blood	Gel (Gold)	Core			week	See Anti-Gliadin IgG and IgA Ab
<i>y</i>				1 gm Tissue or 5	, ,					
WHIPPLE'S DISEASE				mL CSF or 5 mL	Clean sterile					Sent out.
DNA BY PCR				Blood (Whole	container or Lav	Reference Lab				Refrigerate sample. If CSF, must be
(Tropheryma Whipplei)	WHIPP	WHIPPLES DIS PCR	87798	Blood)	Top Vac	(Quest)	See Report.	PCR	R = 7-10 days	
WHOOPING COUGH				<i>'</i>		,	•		Í	See Pertussis PCR and Culture
1				Copan Double						
Wound Culture and gram		WOUND CULT AND	87070	swab : Indicate	Copan Double			Aerobic Bacterial	R = 48 hrs.	
stain	CXWND	GRAM STAIN	87205	Source	Swab	Microbiology	No Growth	Culture including yeast		Indicate anatomical site of wound.
	-							High Performance		
XANAX		XANAX or				Toxicology,	Therapeutic range:		R = Weekly	
(ALPRAZOLAM)	APRAZ	ALPRAZOLAM	80154	5 mL blood	Red Top Vac	RIH	20-240 ng/mL		S = 8 hrs.	Toxic: >240 ng/mL
XYLOSE TOLERANCE	XYL	XYLOSE SERUM	84620				<u> </u>			See D-Xylose Tolerance
YERSINIA ANTIBODY		YERSINIA				Reference Lab		MAT		
(Panel)	YEREN	ENTEROCOLITICA		5 mL blood	Red Top Vac	(Quest)	See Report		R = 3-5 days	Sent out.
(- 2)					Carey Blair	(4,000)				
					Transport					
					Medium					
					available from					
		STOOL YERSINIA			Stores			Culture to R/O Yersinia	R - 48HRS	
Yersinia Culture	CXYER	CULT	87046	Stool	Item#115532	Microbiology	Negative		S = N/A	
r oronna canare	OXILIX	0027	0.0.0	0.00.	10002	merobiology	1109410	o.n.y	0 = 1471	
						Reference Lab		Enzyme Immunoassay	R = 2 - 3	
ZARONTIN (Ethosuximide)	ETHOS	ETHOSUXIMIDE	80168	5 mL blood	Red Top Vac	(Quest)	See Report	(EMIT)	days.	
					Dark / Royal	(4,555)		(=)		Send as Whole Blood. Copper
				5 mL blood	Blue Vac with	Toxicology,		Atomic Absorption		and Selenium determination may be
ZINC	ZINC	ZINC	84630	(Min) 3 mL blood	Heparin	RIH	63-147 ug/dL		R = Th	performed on same sample.
=::10	20	20	0.000	(Mill) O IIIZ BIOGG	Порали		oo iii agraz	ороскоссору		portormod orrodino dampio.
					Clean plastic					
			80103		container (e.g.	Toxicology,		Atomic Absorption	R = Fri.	
ZINC Tissue	TZN	T ZINC	82190	Biopsy	urine container)		0-55 ug/g (dry wt.)	Spectroscopy	(Biweekly)	Sample without fixative or preservative.
210 1.0000	,	, 20	02.00	Бюроў	Clean plastic		o oo ag, g (a.y m.,	ороскоссору	(Directory)	Campio miniori manto di procertante.
					(2 L) urine					
					container with					
					25 mL 6N HCL					Refrigerate sample during collection.
					(Ped): 3-5 mL	Toxicology,		Atomic Absorption		Preservative should be added prior to
ZINC Urine (24 HR)	UZN	U ZINC 24 HR	84630	24 hr urine	6N HCL	RIH	300-600 ug/24 hr		R = Th	collecting sample.
	0211	J ZINO Z T III (	04000	uiiio	Clean plastic		333 330 ag/2+111	эрээнооору	111	concounty campion
					(100 mL) urine	Toxicology,		Atomic Absorption		
ZINC Urine (Random)	UZNR	U ZINC RANDOM	84630	Random urine	container	RIH			R = Th	
5 00 (	J=.111	3 2 3 . WINDOW	0.000			1				
			I	I	1	1		I	ı	