

2016 Clinical Laboratory Services Manual

3917 West Road Los Alamos, NM 87544 (505) 661-9542 Fax (505) 662-5437

Los Alamos Medical Center Laboratory Services Manual

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Introduction

This Laboratory Services Manual features the procedures and services available from the clinical laboratory at the Los Alamos Medical Center. It is designed to serve as a reference for the collection and submission of specimens for analysis.

The clinical laboratory offers a wide range of valuable diagnostic services. With highly trained personnel and state of the art technology, we are able to provide around the clock clinical laboratory analysis in Chemistry, Hematology, Immunohematology, Urinalysis, Microbiology, and Serology. For those procedures that are not performed in this facility, we have acquired the services of larger and often very specialized reference laboratories that share the same beliefs as we do in providing you with high quality lab results.

HOSPITAL MISSION:

Los Alamos Medical Center strives to be a place where:

- Patient's choose to come for healthcare
- Physicians want to practice &
- Employees want to work

LABORATORY MISSION:

We will provide high quality, cost-effective laboratory analysis to health care providers in Los Alamos County and Northern New Mexico.

Los Alamos Medical Center Laboratory Services Manual **General Information**:

Address:	Los Alamos Medical Center Laboratory 3917 West Rd. Los Alamos, New Mexico 87544		
Phone Numbers:	Main Laboratory Direct Line (505) 661-9542		
	Laboratory Director	(505) 661-9126	
	Laboratory Fax	(505) 662-5437	
	Espanola Clinic	(505) 753-9292	
The following	g extensions are valid only wit Blood Bank	hin the hospital. ext. 1543	
	Chemistry	ext. 1545	
	Hematology	ext. 1549	
	Microbiology ext. 1546		
	Pathology/Cytology results ext. 1518		
	Laboratory Results Blood Collection Requests Laboratory Director	ext. 1542 ext. 1542 or 1540 ext. 1126	

Accreditations:

Clinical Laboratory Improvement Amendments (CLIA) of 1998 #32D0536733

Joint Commission on Accreditation of Health Care Organizations (JCAHO) 2016, ID#9442

Proficiency Testing Program:

American Proficiency Institute (API)

College of American Pathologists (CAP)

Los Alamos Medical Center Laboratory Services Manual

Los Alamos Medical Center Clinical Laboratory

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Monica Valdez Lab Assistant

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Jana Nichols, MT (ASCP) Microbiology, Lead Technologist

Weekend Technologist

Ana Maria Ojeda, MT (AMT)

Bernadette Diaz Lead Lab Assistant

Jessica Martinez Lab Assistant

Edward Truman Lab Assistant

Stephanie Valdez, (PRN) Lab Assistant

Scope of Service Laboratory

Types and ages of patients served:	Neonate, Infant, Pe	diatric, A	dolescent, Adult, and Ge	eriatric Patients
Hours of Service	Outpatient Services			6:30am to 5:00pm 8am to Noon
	Espanola Clinic Dra 1302 East Calle De			6:30am to Noon
	Inpatient Services Emergency Care	&	24 hours per day	r, 7 days per week
Specific services provided to, for, and with patients and their significant others:			s: Hematology, Chemistr biology, and Phlebotomy	ry, Special Chemistry, Immunohematolog services.
Ability to meet patients' needs: (Tell what services are provided through the department and what services must be provided through referral, consultation, contractual arrangements, etc.)	Any laboratory service not provided by LAMC Clinical Laboratory will be provided via contractual arrangements with various reference laboratories including the following services: Histology, Cytology, and esoteric / miscellaneous laboratory procedures.			
Levels of staff by position and hour available (core staffing):			utilizes Regular, Part tim the following areas:	e, and PRN staffing to ensure adequate
	Outpatient FTE's:	2.0 I 5.0 I	Receptionists Lab Assistant/Customer S Laboratory Assistants Medical Technologist / M	
	Weekend and off shift FTE'e:	1.0 N 1.0 N 1.0 N	Evening Medical Technol Vight Shift Medical Tech Weekend Day Shift Tech Veekend Night Shift Tec Saturday Laboratory Assi	nologist nologist hnologist
How is staffing augmented or increased when	Staffin - main in it		- d	
needed? Recognized practice standards or guidelines?	Starting remains the	e same ai	nd occasionally overtime	may be used.
Accognized practice standards or guidennes?	LAMC is accredited College of America Lifepoint Corporate	n Pathol	following agencies for pr ogists (CAP)	actice standards:

LOCAL POLICIES:

Animal Specimens:

LÂMC Laboratory does not accept animal specimens for testing except by special arrangement.

Cancellation of Tests:

Los Alamos Medical Center Laboratory Services Manual

Cancellations received prior to test set-up (preparation) will be honored at no charge. Requests received following test set-up will not be honored. A report will be issued automatically and charged appropriately.

Medical-Legal Specimen Collection:

LAMC Laboratory is capable of providing medico-legal specimen collections. An employer account must exist and a chain of custody form must be obtained in advance. No forensic testing is performed at this facility. All forensic specimens are sent to qualified reference laboratories. LAMC is not certified to perform DOT collections.

Radioactive Specimens:

Patients who are receiving any type of radioactive treatment of diagnostic test must notify the laboratory before testing is administered. Failure to notify will invalidate certain testing methodology results. Specimens are not routinely tested at LAMC for background radioactivity.

Supplies:

LAMC Laboratory provides, at no charge, materials and instructions for proper collection, submission, and transportation of specimens to the laboratory. Supplies are available for collection and submission of specimens that are referred to LAMC Laboratory only. Supply usage is monitored. LAMC Laboratory customers are encouraged to inventory their supplies on a regular basis to avoid depletion of stock and allow LAMC Laboratory to accurately plan inventory ordering patterns.

Please refer to and use the inventory request form located in the back of this manual.

Billing Information

Tests are billed separately or by panel. A combination of individual tests and panel billing is possible if tests ordered are not included in a panel. Fees for testing are available upon request.

Medicare will not pay for tests that are not considered medically necessary. Laboratory personnel will determine if medical necessity criteria is met before collecting a sample from the patient (non-emergency cases only). If the diagnosis does not support the test(s) ordered, laboratory personnel will prepare and Advanced Beneficiary Notice (ABN). In non-emergency situations, the ABN must be signed by the patient before the sample is collected.

If you have any questions regarding your bill, please contact the Los Alamos Medical Center Business Office at (505)-662-4201 option 2.

Laboratory

Requisitioning and Reporting

Laboratory Requisitioning and Reporting

Each specimen must be accompanied by a completed requisition or doctor's order properly authenticated. The laboratory will make every effort to request a signed physician order in the event authentication is not visible on the original order. To prevent testing delays, all tests and panels ordered should be clear. All laboratory orders should have the appropriate ICD9/diagnosis codes. Laboratory personnel will make every effort to clarify unclear orders/signatures/ICD 9 codes before collecting or process samples, but should that not be possible, the ordering physician will be contacted. If the required documentation is not received within 24hours, the orders will be cancelled.

All Laboratory requisitions must have the following complete information:

- Patient's Full Name
- Patient's Date of Birth
- Signature of Health Care Provider
- Initials of person preparing the requisition
- Diagnosis or ICD-10 code
- List of tests requested

Additionally, patient's gender and source of specimen (when applicable) are helpful in proper analysis and interpretation.

There are four different levels in which to prioritize result reporting. Each report will contain the specific result and normal range, if established. These four levels are as follows:

• ROUTINE

Regular specimen processing and analysis performed on a daily or batched basis. Results available next business day or sooner.

• ASAP (AS SOON AS POSSIBLE)

ASAP gives a higher priority than routine. Results available within 2 hours of receipt.

• STAT

Highest priority. To be used only for life threatening situations. Results available within 1 hour of receipt.

• TIMED

Utilized for those tests (e.g. glucose, drug level, or Troponin I) which require collection and testing at specific intervals. Result turnaround times may vary, usually within 1 hour of receipt.

The following requisition forms should be used when requesting laboratory tests. They are available from the lab during normal business hours.

Los Alamos Medical Center Laboratory Services Manual General Laboratory Requisition Form

8. G LOS ALAMOS MEDICAL CENTER MEDICAL RECORD # PATIENT INFORMATION PERSON RESPONSIBLE FOR BILL PATIENT INFORMATION (SCREENED AREAS MUST BE FILLED IN) PATIENT ID SEX FASTING 111 MF YES NO 1.1 ORDERING PHYSICIAN (FULL NAME) COMMENTS OR ADDITIONAL COPY OF REPORT MALLING ADDRESS CITY STATE ZP. PATIENT PHONE SOCIAL SECURITY # OATE COLLECTED TIME COLLECTED . PATIENT ONLY AM PM WHEN MEDICARE PAYMENT WILL BE SOUGHT, ONLY TESTS WHICH ARE MEDICALLY NECESSARY SHOULD BE ORDERED. PHYSICIAN/PROVIDER PATIENT RESPONSIBLE PARTY (CMLY IF PATIENT IS A MINOR) B SEE ATTACHED COPY OF CARD [] PHP BCBS C United Health OTHER MEDICARE I MEDICAID HENDER PLAN NAME SOCIAL SECURITY NUMBER ON INSURANCE CARD AND/OR MEMBER #: [LETTER] ID NUMBER T GROUP ENPLOYER OF NUMBER: PRIMARY CARDHOLDER AMA PANELS: ICD-9 HEMATOLOGY: ICD-9 CPT . ICD-9 TDM: Basic Metabol. 80048 CBC c Diff. 85025 Carbamaz. 80156 Comp. Metabol. 80053 H&H 85018 Digoxin 80162 Electrolytes 80051 Manual Diff. 85007 Dilantin 80185 Liver Function 80076 Retic, Ct. 85044 Phenobarb. 80184 85651 Hepatitis Panel 80074 Sed. Rate Theophyl. 80198 Lipid Panel 80061 URINALYSI ICD-9 80164 ICD-9 Valoroic A. COAGULATIO Arthritis Panel 80072 UA 81000 O.B. Panel 80055 Micro. 81015 PT 85610 Renal Panel 80069 Clinitest 81002 PTT 85730 CHEMISTRY: ICD-9 CHEMISTRY (cont.) . ICD-9 BLOOD BANK: ICD-9 AST/SGOT 84450 GLU, fst 82947 ABO 86900 Amylase 82150 GLU, rdm 82947 Rh 86901 ALT/SGPT 84460 GlycoHgb. 83036 86850 Ab Screen Bilirubin, total HCG, quant. 82247 84702 Bilirubin, direct 82247 HCG, qual. 84703 SEROLOGY: ICD-9 Cholesterol 82465 K+ 84132 Mono-spot 86308 HDL Cholest. 83718 PSA 84153 RA 86430 GGT 82977 TSH 84443 RPR 86592 Rapid Strep. MICROBIOLOGY: Giardia Ag 87430 86674 Culture, routine 87070 Strep. screen 87081 Gram Stain 87205 Anaerobic 87076 Occult blood 82270 Misc Blood culture 87040 Fecal WBC'S 87205 SOURCE: TIME/DATE COLLECTED Sensitivity 87186 AFB culture 87118 Throat, full 87070 Fungus cult. 87101 OTHER TESTS: (Please write ICD-9 code next to each test ordered)

Ordering Physician: PM5373 (Res. 3/07) Written By:

ien by:

Los Alamos Medical Center Laboratory Services Manual Pathology Frozen Section Requisition Form

Pati	ent Identification:
Date of Collection:	
For Breast Specimens:	
Time in formalin :	
Time tissue out of body:	
Clinical history /Pre-Operative Diagnosis/ Rea	son for procedure (descriptive):
Operative Findings:	
Sungaan / Dhysisian	
Surgeon / Physician	
Print Name:	Signature:
Additional copies to :	
1	
Specimen of	Specimen of
Tissue Submitted:	Tissue Submitted:
Specimen Site:	Specimen Site:
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	1000		
	PAT	(FROZEN SECTION)	
CLINICAL DIAGNO	ISIS:	PATIENT I.D.	
SURGEON: FROZEN SECTION	DIAGNOS	SIS COMM	ENT
	DIAGNOS	SIS COMM	ENT
FROZEN SECTION	DIAGNOS	SIS COMM	ENT

Los Alamos Medical Center Laboratory Services Manual Los Alamos Medical Center Cytology Requisition Form

P.O. Box 3917, Los Alamos, NM 87544 Phone (505) 662-4201 Toll Free in NM 1-800-5	41-8790	Opera	ted by Lutheran Hospitals and Homes Socie Fargo, North Dakota 5810		
PATIENT I.D.	LAB#	ROU	TINE		
		AS	AP FOR DR.		
		ST	AT COLLECTION: DATE: TIME:		
			ROOM #		
CYTOLOGY	Please Cor	mplete For All Cytology	Specimens		
FOR CYTOLOGY RESULTS:		CLINICAL INFORMATION			
FOR CTIOLOGT RESULTS:	PERTINEN		Winter and the state of the state of the state of the		
OR INFORMATION	PREV. MAL	IGNANCY: DATE / TYPE: PP	EV. / CONCURRENT BIOPSY: DATE / TIME		
CALL 662-4476 CALL 820-5921			EL OF SUSPICION FOR MALIGNANCY R THIS SPECIMEN HIGH LOW		
Gynecological ·		Non-Gynecolog	gical .		
PAP SMEAR # Of Slides	ASPI	RATIONS:	RESPIRATORY:		
	Cyst Solid Ski	28'	Soutum		
ite: 🗆 Vagina 🛛 Cervix	SITES:		Bronchoscopy Site:		
Endocer. Other	Breast DRt. DLt.	1	Bronch. Wash		
MP:	D Long: Site	10 AT	Branch, Brush		
IUP	Lymph Node:		D BAL		
Post-Partum/Lactating	Site:		Pneumocystis c. INDUCED SPUTUM O BRONCH, WASH ONI		
Hormonal Contraceptives	Pelvic Mass:				
1 IUD	Site: Salivary Gland:	BODY FLUIDS, EFFUSI			
Hormone Therapy	Site:		Pericardial Fluid		
Type:	Cher:		Peritoneal Fluid		
I Hysterectomy Reason:	Site:	Pleurat Rt. Lt. CSF (cerebrospinal fluid)			
REV. SMEARS: Date		LLANEOUS	G.I. Tract:		
Normal	□ Nicple Discharge □ F		Site:		
Abnormal: Type	# Of Slides	Other:			
	C Other: Site:		Site:		
Urologic Specim	ens	- Thyre	old Specimens		
	ens	THE REPORT OF THE PARTY OF THE	na opositiono		
BENAL PELVIS / URETER: DRL DLL		Thyroid CRt. CLt.			
BLADDER WASHING		Thyroid Function Tests:	It most used		
BCADDEN WASHING		Radioisotope Scan Results:			
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		Thyroid Mass: Solid	Custin		
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Previous Turnor D Papillary Recent Chemotherapy D Biopsy		If cystic, does it disappear post a History of previous pack radiation	spiration? Yes No Yes No		
Previous Yumor Depaillan Recent Chemotherapy Depaillan Radiation Therapy Depail Microhe		History of previous neck radiation Family history of thyroid disease	n 🗆 Yes 🗆 No		

Cytologic Diagnosis:

CYTOTECHNOLOGIST	DATE	PATHOLOGIST	1	DATE

PAP Smear Cytology Requisition

Los Alamos Medical Laboratory Services		1			
LOS ALAMOS.MEDICAL ATTN: TAB 3917 WEST RD LOS ALAMOS, NM \$7544 Account Number: 0001798		5056619540	3	600 1	tology Consultants of New Mexico The Right Path N Richardson • PO Box 2208 • Roswell, NM 88202 5) 622-5600 • (800) 753-7284 • Pac (573) 622-3720 www.pcrann.com
Referring Clinician:			, <u> </u>	302047	***************************************
Ordering Clinician Signature Reco	aired			302047 302047 302047	302047 302047 302047 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	INALTO PONM	COPY FOR THE PATIENT'S			
PATIENT INFORMATION Last Name	First Name			PLOTE OR ATTACH	COPIES OF FACE SHEET OR INSURANCE CARE(S) FRONT AND BACK
			PCNM files ALL Insurances	11	PRIMARY INSURANCE INFORMATION (Repired)
594	DOG		MEDICATE		ume.
Mailing Address		Αρτ/	&CBS		roup #
City	State	17%	CIGNA UNITED HEALTHCARE	Ins	surance Company Address
City	State	Zip	HEALTHSMART		
Phone	Sex	ID	PRESBYTERIAN	<u>u 50</u>	SECONDARY INSURANCE INFORMATION
Send a copy of the report to			COMMERCIAL HCH COMMERCIAL	<u> </u>	Heaved
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Collection Date			CLIENT BLL OTHER		roup #
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Performing Clinician			ADVANCE	Medicare putie BENEFICIAL	ents must review and sign the separate RY NOTICE (ABN) for services that may not meet i necessity or frequency limitation criteria.
HISTOLOGY	-		CYTOLOGY		income of independent minimum of the lite
Indicate Site and Specimen Type		1	GYN SOURCE		DIAGNOSIS CODES
	1999 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 -	1.1.1.1.1.1.1		ndocervical	626.8 Abnormal bloeding
				ther	 795.00 Abnormal glandular Pap smear of cervix
2		40	PAP TEST REQUEST		TT 795 OL ASC LIS (mented)
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4.	1.1.1		MOLECULAR TEST	1.20.000	P D 795.05 Cervical high risk HPV DNA positive
5	1115 <u>- 1</u>		OHPY High Risk Ref OHPY High Risk Ref OHPY High Risk Pro OHPY High Risk Pro OHPY High Risk Pro	flex if ASC-US and offic ik Profile	dabove 616.0 Cervicits and endocervicits 617.0 Endometriosis of uterus
6	1		DHPV High/Low Risk		Pap Test D 795.04 HGSIL (cervix)
PRE-OPERATIVE DIAGNOSIS		1	DCT/NG DCT/NG Only/No	Pap Test	VI5.89 High risk screening
			CUNICAL INFORM		GSB. (cervix) GSB. (cervix) G27.3 Postmenopausal atrophic vagin)
POST-OPERATIVE DIAGNOSIS			LMP/Menopause (do	ste)	C 627.1 Postmenopausal bleeding
CLINICAL HISTORY			Last Pap Test (dote). History of abnorma	i Pap (dote)	V72.31 Routine gynecological examinat
			Results		V73.81 Special screening for human papiliomaticus (HPV)
			History of biopsy (d Results	istej	V74.5 Special screening for vontroal disease
SPECIAL INSTRUCTIONS				Abnormal bleed Postpartum	· · · · · · · · · · · · · · · · · · ·
NON-GYNECOLOGIC CYTOL	DG1		Cervicitis []	Pregnant	V76.47 Vaginal Pap smear status-post
Source	Level of C	Ilinical Suspicion	Colposcopy C	Postmenopausal Supracervical	 hysterectomy for non-malignam condition
29	Low	□High	CHormones I	hysterectomy	616.10 Vaginitis and vulvovaginitis
2	Level of R	adiologic Suspicion		Total hysterecto Other	ony Dother
LABORATORY USE ONLY	a com			1990 <u>-</u>	
CT .		QC	QC2	PATHOLOGI	
		1		I	302047

LAMC Laboratory Computer Downtime Requisition Form

Patient Name:		
MR# Date of Birth:		Date:
Account # (if available)		Unit:
Lab Draw: Date	Time	Collected by:
Ordering Physician/Practitioner:		
Ordering Department: Priority: Routine Timed		STAT
Diagnosis Information:		

Laboratory Procedures Requested: (PRINT CLEARLY)

Criteria for the Acceptance / Rejection of Laboratory Specimens

Acceptance Policy

- A patient's full name and a second identifier (MR# or Date of Birth) are required.
- A written order from the physician that has been filled out properly and signed by the physician is needed.

Unlabeled/Mislabeled Specimens

- All incidences of unlabeled, mislabeled, incomplete, or illegible labels need to be recorded in order to intervene with training or appropriate corrective action. Specimens are rejected if there are any discrepancies between labeling and the information on the requisition. Exceptions are handled as indicated below.
- When an error in specimen identification is discovered, best practice is to recollect the specimen. By their nature, some specimens are non-recollectable (e.g. specimens that are impossible or difficult to recollect). Examples include samples obtained by surgery, biopsies, fluid aspirates, including CSF, Fetal/amniotic sampling, or samples obtained before an intervention that might alter the result, such as blood cultures when antibiotic therapy has already been administered, and umbilical cord blood.
- If it becomes necessary to accept unlabeled or mislabeled specimens, the following documentation must be recorded:
 - Time of collection
 - Location of collection
 - Name of person obtaining the specimen and require him/her to apply specimen identification or sign to verify patient identification
 - Include all this information in the comments section of HMS in the patient's record as well as a note to interpret the results with caution.
- Record of all such corrections should be maintained in a log. All such cases are to be investigated and as appropriate, corrective/preventive action, such as education and retraining of personnel, should be performed.

Unacceptable Specimens:

Blood

- Any specimen received which is not labeled with the patient's full name, date of birth, date and time drawn, and collector's initials.
- Any specimen for crossmatch which does not have a Blood Bank Identification number on it matching the wrist band on the patient. Patient must be banded at the time the blood is drawn.
- Any specimen which is obviously contaminated or rancid.
- Specimens more than 1 hour old for acetone or ammonia determinations, unless processed properly.
- Blood for alcohol determination collected with an alcohol wipe preparation of the venipuncture site.
- Specimens for which fasting specimens are required that is known to have been collected in a non-fasting state. See individual procedures. Unless otherwise requested by physician.

- Specimens for which timed collection is critical that are not collected at the proper time. These include glucose tolerance, lactose tolerance, drug levels, and Troponin I.
- Specimens of insufficient quantity. Some exceptions will occur. Sample should not be discarded even though quantity is not sufficient.
- Hemolized specimens will invalidate many chemistry tests, Hemolysis should be avoided whenever possible.

Urine

- Any specimen received which is not labeled with the patient's full name, date of birth, and date and time collected.
- Any specimen collected in an unsterile container.
- Urine specimens unrefrigerated for more than 2 hours will be rejected.
- Any specimen which is obviously cloudy and characterized by extremely rancid smell, indicating bacteria multiplication in vitro.
- Urines known not to be collected at the proper time for those procedures requiring special timed voiding. See individual test procedure.

Body Fluids

- Any specimen received which is not labeled with the patient's full name, date of birth, date and time drawn, and source.
- Any specimen which is obviously grossly contaminated or rancid
- Any specimen collected in an unsterile container.

Cultures

- Any specimen received which is not labeled with the patient's full name, date of birth, date and time drawn, and source.
- Any specimen (except stool) not collected aseptically.
- Any specimen which has not been brought to the lab immediately, placed in proper transport media, or refrigerated.
- Specimens that are grossly contaminated externally or specimens in leaky containers.
- Any specimen collected in an unsterile container.

Anatomic Pathology

- Any specimen received without proper identification is to be returned immediately to the OR for correction. See submission requirements.
- Any specimen without a brief clinical history is to be rejected.

Cytology

- Any specimen received which is not labeled with the patient's full name, date of birth, date and time collected, and type and source of collection.
- Requisition must be properly filled out.
- All gynecological Pap smear requests should include age, last menstrual period, pertinent medications, and any other pertinent history including previous suggestive Pap smear results.
- Specimens should be in proper fixative. See SOP Cytology-General Information.

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As noted above, on occasion an improperly collected or transported specimen must be processed (e.g. collected in surgery). If this occurs it will be stated in the report (HMS comment made in the patients account).

When a specimen is rejected, the order is canceled and a comment is entered on the specimen via HMS, listing the reason for rejection. The collection location (i.e. Med Surge, ICU, ER) is notified and instructed to reorder and recollect the specimen. For outpatients the laboratory is responsible for contacting the patient for recollection of the specimens and reordering tests.

Laboratory Critical Values

All critical values must be verified by repeat analysis and called to the doctor. If the doctor cannot be reached, the physician on call or the designated nurse should be notified. Documentation of the time and person to whom the result was reported to must be made on the patient's HMS report, along with the technologist's initials and verification of read back.

Test	Values	Values	Exceptions
	less than	greater than	
Sodium	125 mEq/L	155 mEq/L	
Potassium	3.0 mEq/L	6.0 mEq/L	
Calcium	7.0 mg/dL	11.5 mg/dL	Renal Patients <5.0mg/dL
Glucose	50 mg/dL	400 mg/dL	
Amylase		1500 U/L	
Creatinine		4.0 mg/dL	
GFR	<15 ml/min/1.75		Dialysis Patient
Neonatal bilirubin		15.0 mg/dL	
24 hour Urine Total Protein		300 mg/24hr	Pregnant Women Only
рН	7.20	7.50	
pCO2	20 mmHg	75 mmHG	
Troponin		>0.04 ng/mL	
Acetaminophen - 4 hours post ingestion		150 ug/ml	
Acetaminophen- 12hrs post ingestion		50 ug/ml	
Carbamazepine		10 ug/ml	
Carbon Monoxide		>30%	
Digoxin		2.0 ug/ml	
Gentamicin, peak		12 ug/ml	
Gentamicin, trough		4.0 ug/ml	
Lactate		4.0 mmol/L	
Lactate, Neonatal (iSTAT)		>2.0 mmol/L	
Lithium		2.0 mEq/L	
Magnesium		8.0 mg/dL	
Phenobarbital	1.1 ug/mL	40 ug/ml	
Phenytoin	0.5 ug/mL	20 ug/ml	
Salicylate	1.0 ug/mL	300 mg/L	
Theophylline	0.82 ug/mL	20 ug/ml	
Valproic Acid	0.7 ug/mL	150 ug/ml	
Vancomycin peak		>40	
Vancomycin trough		>20.1	

Chemistry Department

Urinalysis Department

Test	Values less than	Values greater than	Exceptions
Ketones		>0.6	Newborn only
Glucose or Clinitest		Positive	Newborn only

RBC Cast Any seen

Hematology / Coagulation Department

Test	Values	Values	Exceptions
	less than	greater than	
Hemoglobin	6.0 g/dL	21.0 g/dL	
Platelets	25	995	
WBC	ANC<500	50,000	
Procalcitonin		>2.0 ng/mL	
Protime		40.0 sec	
PTT		100 sec	
Fibrinogen	100 mg/dL		
D Dimer		601	

Microbiology Department

Positive Gram Stains on Spinal FluidPositive Blood CulturesOxacillin Resistant Staph (MRSA)Positive CSF CulturesVancomycin Resistant Enterococcus (VRE)Positive C. difficile toxinAll State of NM reporting RequirementsPositive Call

Transfusion Services Department

Positive DATs

Positive Antibody Screens

Reference Lab Results - - days to weeks from specimen collection

Positive HIV Unsuspected Malignancies State and Federal Reporting Requirements

Specimen Collection Instructions

Specimen Collection

Instructions to patient specimen collection are available in this section of the manual. Please photocopy and distribute as needed.

General Information

- The value of any laboratory report is directly related to the quality of the specimen which is analyzed.
- In order to ensure the collection of a quality specimen, follow collection and labeling instructions carefully and transport specimens to the laboratory as instructed in this manual.
- The alphabetical test listing contains the appropriate specimen containers for each test performed in this facility and for the most commonly requested sent out tests. If the test that is requested is not contained in this listing or if there is any question regarding the type of specimen that should be collected, **please contact the laboratory for appropriate** <u>collection instructions.</u>

Stopper Color	Additive	Laboratory Use
Peds Plus/F	Soybean-Casein Digest Broth with	Peds Blood Cultures
Blood Cultures	Resins	
Aerobic/F	Soybean-Casein Digest Broth	Aerobic Blood Cultures
Blood Cultures		
Anaerobic/F	Soybean-Casein Digest Broth	Anaerobic Blood Cultures
Blood Cultures		
Light Blue	Sodium citrate	Coagulation Testing
Yellow	SPS(Sodium Polyanetholsulfonate)	Blood or Body fluid Cultures
Yellow	ACD(Acid Citrate Dextrose)	Blood Bank Studies
Red	No Additive	Serum Testing, Chemistry
		Blood Bank
Light Blue	Sodium citrate	Coagulation Testing
SST (Gold, Red	Serum Separator Tube with gel	Serum Testing, Chemistry
and Grey	barrier, and a clot activator	Immunology
Marbled)		
Green	Heparin (Sodium, or Lithium)	Chemistry Testing
Light Green (PST)	Lithium Heparin with gel barrier	STAT Plasma testing,
		Chemistry
Lavender, or	EDTA(Ethylenediaminetetraacetate)	Whole Blood Hematology
Purple		testing
Grey	Potassium Oxalate/Sodium Floride	Chemistry Testing
Royal or Navy	None, or Sodium Heparin/EDTA-	Chemistry Trace elements,
Blue	Na	Flow Cytometry, Bone
		Marrow (NaHep)

Labeling of Specimens:

1.	Properly identify the patient.
2.	Collect specimen.
3.	While still in the patient's presence label the specimen with the following information:
	• Patient's full name
	• Date of Birth
	• Date and time of specimen collection
	• Initials of the person collection the specimen
	• Hospital number (if available).
	If available bar-coded collection labels are acceptable for all non-
	transfusion service testing, however collector's initials should be on the label.
4.	Specimens for Transfusion service testing must be labeled with the above information using a Blood Bank Typenex Band.
5.	Deliver the specimen to the laboratory as soon as possible.

Procedure notes

- If the specimen does not meet the labeling requirements, it is at the discretion of the technologist performing the indicated test as to whether the specimen will be accepted or rejected.
- If the integrity of the specimen is suspect in any way the specimen will be rejected.
- Any mislabeled or incorrectly labeled transfusion service specimens will be rejected.

Examples of properly labeled specimen tubes



Collection of Specimens for Crossmatch or Type and Screen

Purpose

This procedure provides instructions for the collection of specimens that will be used in the transfusion service. Critical to the safe practice of transfusion medicine is the collection of a properly labeled blood sample from a correctly identified patient for pretransfusion testing. The phlebotomist who collects the blood sample must positively identify the patient, correctly complete the armband, and properly label the tubes.

Policy

Specimens not collected and labeled properly will be rejected.

Specimen Collection, Handling, Storage

- 7 mls of whole blood in a plain red top tube, and 1 EDTA lavender top specimen is required.
- Whenever a new specimen is drawn, a new Typenex Blood Bank band must be used and the old one must be removed by the phlebotomist.
- Time of Specimen Collection
 - When a patient has been transfused or pregnant within the last 3 months, or when such information is unavailable or questionable, a sample of the patient's blood must be obtained within 72 hours of the scheduled transfusion.
 - Pregnant patient's scheduled for routine surgery, who wish to have their preoperative blood work performed in advance of admission, may have their blood drawn up to 3 days prior to the scheduled surgery.
 - All other pregnant patients must have their blood drawn within 2 days of the scheduled transfusion.
 - For all other recipients a sample obtained within 7 days of the crossmatch is acceptable provided the antibody screen was performed within 2 days of collection.

Equipment / Supplies

HMS Order Typenex Blood Bank Band Phlebotomy Supplies

Special safety precautions

Universal precautions should be followed at all times.

Procedure

1.	 Verify the orders in HMS. <i>If</i> order does not exist in HMS then: Verify the requisition is filled out properly and includes the following information: Patient's full name (spelled correctly) Patient's Medical Record number Patient's Date of Birth Location of patient Tests ordered, including the number of units needed
	 Date units to be transfused (if known) Physician ordering the test Status of test (Emergency, Pre-op, ASAP, etc.) Diagnosis
2.	Identify the patient. See procedure PHL01: "Identifying Patients for Specimen Collection."
3.	If the patient is an outpatient they must read and sign an instruction form outlining the purpose and care of the Typenex Blood Bank Band.
4.	 Fill out the Typenex band using the information on the hospital ID bracelet and the patient. The band should have the following information: Patient's full name (spelled correctly) Date of Birth Medical Record number Date and time of draw Collector's initials
5.	Draw a 5 – 7 mL lavender top tube. See SOP Collection of a Blood Specimen by Venipuncture (BC01v4).
6.	Remove the self-stick label from the Typenex Band and use it to label the tube.
7.	Place the Typenex band on the patient's wrist, remove the series of ID numbers (tail) on the band after it has been sealed.
8.	<i>If</i> using Blood Bank I forms, Write the date and time of collection and the collector's initials on the Blood Bank I requisition. Place an ID sticker from the Typenex band on the Blue Copy of the Blood Bank I requisition.
9.	Deliver the specimen to the Laboratory.
10.	Receive the specimen in HMS.
11.	Upon receipt in the Blood Bank the specimen must be recorded in the Safetrace Tx System. See Computer entry below.

Procedure notes

• When a patient has been transfused or pregnant within the last 3 months, or when such information is unavailable or questionable, a sample of the patient's blood must be obtained within 72 hours of the scheduled transfusion.

Los Alamos Medical Center Laboratory Services Manual

• All specimens acceptable or not should be recorded in the Blood Bank IS.

Procedure notes

- When a patient has been transfused or pregnant within the last 3 months, or when such information is unavailable or questionable, a sample of the patient's blood must be obtained within 72 hours of the scheduled transfusion.
- All inpatient requests and ER patients that have the potential of being transfused should be received on a Blood Bank I requisition form.

Correct order of Draw

In order to prevent contamination and ensure accurate laboratory results specimens must be drawn in the proper order.

1	Blood Culture Bottles	ALWAYS drawn prior to other labs to reduce contamination. Special Sterile Procedure is Necessary. NO EXCEPTIONS.		
2	Light Blue		3.2% Sodium Citrate	PT, PTT, Fibrinogen, Factor Activity Tube MUST be filled 100% - No Exceptions
3	Gold Top		Contains clot activator and gel for serum separation	Chemistry, PSA, TIBC, Digoxin, Lithium
4	Red Top		No Additive	Most send out tests, Call lab to verify correct tube.
5	Green Top	or D	Sodium or Lithium Heparin	Carbon Monoxide Do NOT use for Lithium Levels.
6	Lavender Top		EDTA anticoagulant	Blood Bank Specimens (Type and Screen and Crossmatch specimens must be properly banded) 6 mL tube CBC, Retic, ESR, A1C, BNP, D-dimer Ammonia levels – MUST be put on ice 4 mL tube
7	Grey Top		Sodium Fluoride / Potassium Oxalate	Stat Glucose Lactic Acid Level – MUST be put on ice.
8	Royal Blue		Special glass and stopper material	Trace Elements, special Toxicology testing

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Collection Instructions:

Venipuncture Procedure:

-	e Procedure:
1.	Verify that the tests ordered on the requisition match the tests
	ordered on the collection labels and initial requisition.
2.	Identify the patient. Two Patient Identifiers must be used.
3.	Ask the patient if they are currently on anticoagulant therapy,
	including aspirin. If yes, maintain pressure post venipuncture until
	bleeding has ceased.
4.	Position the patient so that he/she is comfortable, but also so the
	venipuncture site is accessible.
5.	Assemble necessary equipment and select appropriate tubes for the
	tests ordered.
6.	Explain procedure to the patient and family members if applicable.
7.	Select venipuncture site.
8.	Tie tourniquet 2 inches proximal to the area chosen for
	venipuncture.
	Tourniquet should be applied with enough tension to compress the
	vein, but not the artery
	(If tourniquet fails to dilate vein have patient open and close fist
	repeatedly and maintain a closed fist during venipuncture,
	releasing after successful insertion of the needle.
9.	Put on gloves and palpate the vein.
10.	Cleanse the site with an alcohol wipe in a circular motion
101	beginning with the venipuncture site and spiraling outward to
	cover and area approximately 2 inches in diameter. Allow alcohol
	to dry. Do not touch the cleansed area with an unclean finger.
11.	Immobilize the vein by pressing just below the venipuncture site
	with your thumb and draw the skin taunt. (Gloves on)
12.	Position the needle holder or syringe with the needle bevel up and
12.	the shaft parallel to the path of the vein and at a 15-30 degree angle
	to the arm.
13.	Insert the needle into the vein.
13.	If using a syringe withdraw the blood slowly by gently pulling
11.	back the plunger of the syringe. If using evacuated tubes with a
	needle holder, grasp the holder firmly and push down on the
	collection tube until blood flows into the tube automatically.
15.	Release tourniquet as soon as a steady flow of blood is noted, and
15.	have patient relax their fist.
16	Continue to fill the required tubes in the appropriate order.
17.	$\begin{array}{c} \hline \\ \hline $
1/.	the additive.
18.	Place a cotton ball or gauze pad above the venipuncture site.
10.	Apply slight pressure to cotton ball and remove the needle slowly
17.	and smoothly.
20.	Continue to apply firm pressure to the site, or ask the patient to do
20.	so if they are able, until the bleeding subsides. If patient is on
	so if they are able, that the bleeding subsides. If patient is off

	anticoagulant therapy maintains pressure longer.
21.	Bandage the area.
22.	Label the tubes at the patient's side.
23.	Discard any used materials properly, utilizing appropriate sharps containers and biohazardous waste containers
24.	Process specimens appropriately for the tests ordered.
25.	Wash hands and tourniquet or use appropriate disinfectant after each use.

Procedure notes

Application of tourniquet for longer than 1 minute may cause hemoconcentration or hemolysis, which may result in variation of test values.

Capillary Puncture Procedure:

1.	Verify that the tests ordered on the requisition match the tests on		
	the collection labels.		
2.	Identify the Patient.		
3.	Position the patient so that he/she	is comfortable, but also so the	
	capillary puncture site is accessible	le.	
4.	Select the appropriate incision		
	site.	THEN	
	IF	• Use the middle or ring finger.	
	• Performing a finger stick	See Figure 1.	
	• Performing a heel stick	• Select an area at least 2mm away from previous wounds, and avoid edematous areas. See Figure 2.	
5.	Clean the incision area with an alcohol wipe and allow to air dry, or dry with sterile gauze.		
6.	Remove the safety clip from the tenderfoot device.		
7.	Place the blade-slot surface of the		
	finger.		
8.	Depress the trigger.		
9.	Immediately remove the device from the skin.		
10.	Wipe away the first drop of blood with a sterile gauze pad.		
11.	Fill the appropriate microtainers, taking care not to make direct		
	wound contact.		
12.	When collection is complete apply gentle pressure to the wound		
	with a sterile gauze pad until bleeding has ceased.		
13.	Apply bandage.		
14.	Label specimens appropriately.		
15.	Discard any used materials proper		
	containers and biohazardous waste containers.		
16.	Process specimens appropriately for the tests ordered.		

Procedure notes

• When performing a heel stick on an infant it may help to warm the heel prior to incision. Place the heel in a diaper that has been saturated with warm water for 5min. prior to performing the heel stick.

Figure 1: Finger stick site

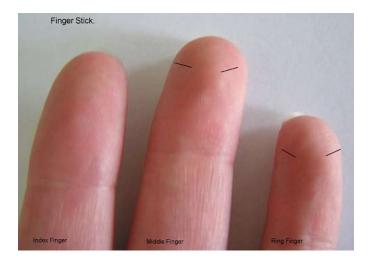
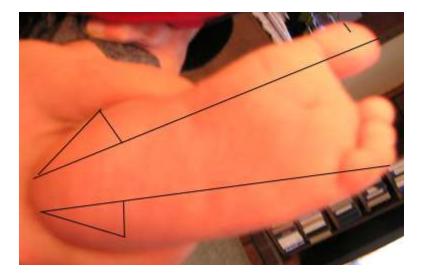


Figure 2: Heal Stick or Toe Stick



Instructions for collection of Mid-stream Urine specimen If you have any questions, please call 661-9542

Female Patients (Clean Catch)

1.	Remove undergarments.
2.	Wash hands thoroughly with soap and water; rinse and dry them.
3.	Remove the towelettes from the package and place them on a clean surface.
4.	Loosen the lid of the sterile container; place the container on a clean surface.
5.	While sitting on the toilet with legs spread apart, spread the skin around the urinary opening. Keep skin spread until collection is complete.
6.	With one stroke from front to back, wash the skin on one side of the urinary opening using one of the towelettes.
7.	Repeat step 6 for the other side.
8.	Using another towelette wash the center from front to back.
9.	Remove the lid of the sterile container and place lid upside down on the clean surface.
10.	Grasp the cup so that fingers do not touch the inside surface.
11.	Begin to urinate in the toilet.
12.	After a few seconds of continuous urination and without stopping the flow of urine, fill the collection cup about half full.
13.	Place the cup on a clean surface and place the lid on top of it.
14.	Continue to urinate into the toilet.
15.	Upon completion, tighten the lid and place cup inside the small door next to the sink.
16.	Wash hands thoroughly with soap and water; rinse and dry them.
17.	Notify lab personnel that specimen has been collected on your way out.

Instructions for collection of Mid-stream Urine specimen

If you have any questions, please call 661-9542

Male Patients (Clean Catch)

1.	Wash hands thoroughly with soap and water; rinse and dry them.
2.	Remove the towelettes from the package and place them on a
	clean surface.
3.	Loosen the lid of the sterile container; place the container on a
	clean surface.
4.	If you are not circumcised the fore skin on the penis must be pulled
	back completely. If you are circumcised begin the cleansing
	procedure.
5.	Grasp the penis near the end with one hand.
6.	With your other hand wash the area around the urinary opening
	with one of the towelettes. Beginning at the center of the opening
	wash the area around the opening using a circular motion.
7.	Repeat the previous step with remaining towelettes.
8.	While still holding the end of the penis. Remove the lid of the
	sterile container and place lid upside down on the clean surface.
9.	Grasp the cup so that fingers do not touch the inside surface.
10.	Begin to urinate in the toilet.
11.	After a few seconds of continuous urination and without stopping
	the flow of urine, fill the collection cup about half full.
12.	Place the cup on a clean surface and place the lid on top of it.
13.	Continue to urinate into the toilet.
14.	Upon completion, tighten the lid and place cup inside the small
	door next to the sink.
15.	Wash hands thoroughly with soap and water; rinse and dry them.
16.	Notify lab personnel that specimen has been collected on your way
	out.

Instructions for Routine 24 hour Urine Collections

Please read carefully. If you have any questions, please call 661-9542

For your physician to receive accurate results on the tests that are ordered for you, please completely collect all of the urine that you produce for the entire 24 hour period.

Drink the usual amount of liquids during the collection period, unless instructed otherwise by your physician. Do not drink alcoholic beverages.

—	
1.	Empty your bladder and discard this urine.
2.	Record time and date of step 1.
3.	Collect all urine for the next 24 hours in the container provided.
4.	At the same time on the second day empty your bladder and
	include this specimen in the collection.
5.	During collection process container should be refrigerated or stored
	in a bucket of ice.
6.	Label the container with your name, date of birth, date and time
	collection was started, and the date and time of completion.
7.	Deliver specimen along with the laboratory requisition to the
	laboratory as soon as possible.

24 hour Urine Collection

If you forget to save some of the specimens during the 24 hour period, you should discard the specimens that you have saved and start over on the following day.

Instructions for the collection of a Stool Specimen

Do not dip stool specimen from the toilet. Collect specimen as described below. When you return to the lab to deliver the specimen, do not forget your laboratory requisition. If you have any questions, please call 661-9542 for assistance.

For Stool Culture, OVA and Parasites, Clostridium Difficile: Stool specimen should be collected early in the illness and prior to antibiotic therapy. Collect specimen in a clean container with a tight fitting lid. Specimen should be free of contaminants such as urine or water. Label container with patient name, date of birth, date and time of collection, and name of ordering physician. deliver to the laboratory within one hour of collection.

For Occult Blood (Hemoccult or seracult slide): Go on a red meat free diet for three days and stay on the diet until all specimens are collected. Collect three different stool specimens. Specimens can be collected in a clean, disposable container such as a margarine tub or Cool Whip container. Each time you collect a specimen; open tab on card, use a tongue depressor to take a very small amount of stool specimen and apply thin smear of specimen in the two areas as instructed, close cover. Label each card with patient name, and date and time of collection. Store at room temperature. The patient may wait and bring all cards to the laboratory at one time.

Instructions for the collection of a Semen Specimen

- 1. A period of 2 -3 days of abstinence (no intercourse or masturbation) will provide the most accurate assessment; prior frequent ejaculation may reduce the sperm count and volume. However, there should be no more than 7 days of abstinence.
- 2. Please collect the specimen between 7am and 2pm, Monday thru Friday. It is important that we begin the analysis within one hour of collection, so please deliver the specimen to the lab immediately. The sample should be protected from extreme heat or cold during transport.
- 3. Your physician will provide you with a clean, wide mouth plastic container or you may also get one from the laboratory. Collect the specimen directly into the container. NOTE: The specimen should not be collected in a condom because some prophylactics contain spermicidal agents and may kill the sperm.
- 4. The sample must be obtained by Masturbation after the appropriate period of abstinence. Masturbation is preferred to interrupted intercourse because the later may result in loss of a portion of the ejaculate. Avoid using lubricants.
- 5. The specimen should be clearly marked with your name and date of birth. In addition please provide the following information:

Name:	Date:	
Collection Time:		
Days of Abstinence:		
Collected by Masturbation (circle one):	YES	NO
Transportation Problems (circle one):	YES	NO
Post Vasectomy Check (circle one):	YES	NO

6. If any portion of the ejaculate is not collected or if the container leaks during transport the specimen should be recollected.

The lab will notify your physician of the results. The result will be discussed with you at your next visit to your doctor's office.

Microbiological Specimen Collection Requirements

Collection of Specimens to be cultured:

- Whenever possible, specimens should be obtained before antimicrobial agents have been administered.
- Request forms accompanying specimens to be tested for antibiotic activity should contain the name(s) of the antibiotic(s) being administered.

Labeling

Microbiology specimens are not acceptable unless each specimen is appropriately labeled. The specimen must be identified by the patient name, date of birth, collection date and source of specimen. Slides must also be labeled with patient name, date of birth and collection date. Placing an unlabeled specimen into a container and then labeling the outer container is not acceptable.

Requisitions

A completed test requisition must accompany all samples. Information regarding the patient, the specimen, collection time and date, clinical history, symptoms and diagnosis, anti-microbial therapy and any suspected organism(s) is essential for the optimal and appropriate processing of the specimen.

SPECIMEN COLLECTION FUNDAMENTALS

The proper collection of a specimen for culture is the most important step in the recovery of pathogenic organisms responsible for infectious disease. A poorly collect specimen may lead to failure to isolate the causative organism(s) and result in the recovery and subsequent treatment of contamination organisms.

- 1. Collect the specimen from the actual site of infection, avoiding contamination from adjacent tissues or secretions.
- 2. Collect the specimen at optimal times (for example, early morning sputum for AFB culture).
- 3. Collect a sufficient quantity of material.
- 4. Use appropriate collection devices: sterile, leak-proof specimen container. Use appropriate transport media.
- 5. Whenever possible, collect specimens prior to administration of antibiotics.
- 6. Properly label the specimen and complete the requisition slip.
- 7. Minimize transport time. Maintain an appropriate environment between collection time and delivery to lab. Contact lab for instructions if there will be a significant delay in transport.
- 8. If appropriate, decontaminate the skin surface. Use 70-95% alcohol and 1-2% tincture of iodine the site. Allow a contact time of two minutes to maximize the antiseptic effect.

Specific Guidelines for Specimens to be Cultured

Aerobic Culture

Specimen collection from normally sterile sites requires a needle puncture or surgical procedure. Decontamination of the skin must be performed prior to the collection of specimens such as blood, cerebrospinal fluid and other normally sterile body fluids.

<u>Blood Culture</u>

Specimens for blood cultures must be submitted in blood culture bottles. Decontaminate the diaphragm tops of two bottles by swabbing with alcohol or iodine after removing the protective plastic covering. Fill bottles with approximately 6 - 8 ml of blood into each of the two bottles. Swirl bottles gently to mix. Keep at room temperature $(15 - 30 \degree C)$ until sent to laboratory.

<u>Cerebrospinal Fluid</u>

Submit a separate sterile screw-capped tube containing at least 0.75mL of cerebrospinal fluid. For microbiological analysis, it is best to submit the second or third tube drawn.

Other Sterile Body Fluids

Follow standard procedures and obtain the specimen by aspiration. If a cell count and chemistries are desired, inject 2mL of fluid into a lavender top and solid red top tube by switching out the collection needle.

<u>Sputum Specimens</u>

Early morning sputum collection is recommended. Patient should gargle with water prior to collection. The most suitable specimen is the expectoration obtained after a deep cough. Collect specimen in a leak proof, sterile, screw-capped container.

Urine Specimens

All patients should void the first portion of the specimen into the toilet, then secure the remainder of the specimen in a sterile container. Keep urine refrigerated until sent to the lab. To obtain a clean catch collection of urine please follow instruction found in Specimen Collection section of this manual. For indwelling catheters, obtain the specimen with a needle and syringe.

Stool Culture

Collect stool without urine contamination. Select portions of stool containing pus, blood or mucous and place in stool container. Transport to laboratory as soon as possible.

Wound Culture

Swab infected area, place swab into transport sheath and crush capsule at bottom of sheath. Transport to lab as soon as possible.

Anaerobic Culture

Specimens collected using Culturettes, and tissue samples are adequate only if transported to lab within minutes of collection. Specimens from the following sites are not acceptable:

- Throat or nasopharyngeal swabs
- Sputum and bronchoscopy specimens
- Feces and rectal swabs, except for C. diff cultures
- Voided or catheterized urines
- Superficial wounds

Nasopharyngeal Culture

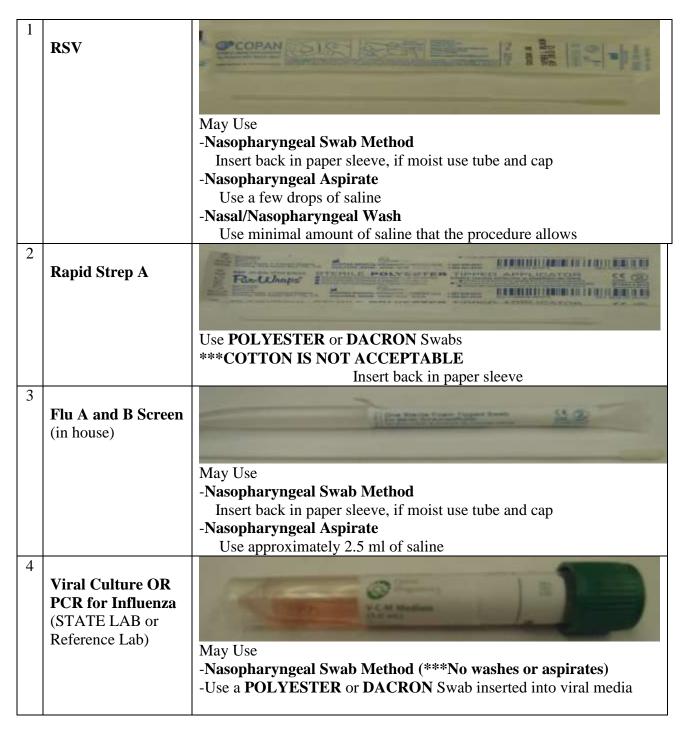
Insert flexible fine-shafted sterile swab into nostril to the posterior nasopharynx and gently rotate. Place swab into Culturette sheath and transport to lab as soon as possible.

Ova and Parasite

A series of three specimens within a 10 day period is usually recommended. Collect stool without urine contamination. Transport to lab immediately, specimen must be placed into preservative within one hour of collection.

Swab Chart

In order to ensure accurate laboratory results specimens must be collected by the correct swabs.



Collection of Histology Specimens:

All specimens must be accompanied by proper identification and appropriately labeled request form. They will not be accepted if they are not properly labeled and the request form not completely filled out.

Procedure:

- 1. All specimens should be placed in 10% formalin unless requiring fresh/frozen processing.
- 2. All requisitions should contain diagnosis or suspected diagnosis according to the clinical judgment of the surgeon.
- 3. Specimen should not be fragmented, dissected, opened, etc ... prior to submission to the laboratory.
- 4. If margins are important, they should be clearly identified either personally by the surgeon or by marking in some manner, i.e., a stitch, India ink, etc.
- 5. Material submitted for culture must be collected in a sterile manner consistent with standard microbiological technique.

Fresh / Frozen Sections

All fresh/frozen sections are to be scheduled with the pathologist as far in advance as feasible. If an unexpected section is needed, the laboratory should be notified as soon as the potential is recognized. The pathologist must be notified by telephone or pager immediately.

Note: **DO NOT** leave fresh tissue unattended without notifying someone in the laboratory.

Collection of Cytology Specimens:

All specimens must be accompanied by proper identification and appropriately labeled request form. They will not be accepted if they are not completed and identified properly. This is necessary for protection of the patient.

Specimen Type	Collection	Handling
Aspiration Biopsy Cytology – se	e FNAB	
Body Cavity Fluid – see Effusio	n Fluid	
Body Cavity Washings - see Pel	lvic Washings (not urinary bladd	er)
BREAST FLUID ASPIRATION	Expel material from syringe directly into 50 ml tube containing 30 ml of Cytolyt cytology transport media. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
	Breast Secretion – see Nipple Se	cretion
Bronchi	al Aspirate & Lavage – see Bron	chial Washings
BRONCHIAL BRUSHINGS	Immerse brush end of a fiberoptic brush into 50 ml tube containing 30 ml of Cytolyt cytology transport media. Extend brush out into the media. Cut one inch above the brush so that the brush drops into the tube. Discard other end of brush into Biohazard container. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
BRONCHIAL WASHINGS CSF (Cerebral Spinal Fluid)	Specimen is collected into specimen trap container with 15-20 cc of Cytolyt cytology transport media. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh. Collect directly into 50 ml	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
	tube containing 30 ml of Cytolyt cytology transport	patient name. Complete Cytology Requisition. Deliver

Specimen Type	Collection	Handling
	media. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	to laboratory.
CVE (Cervical, vaginal, endo- cervical scrapings) (conventional pap smear)	Collect the specimen from the specified site. Spread it evenly on a labeled, frosted- end glass slide. Fix immediately with 95% alcohol or spray fixative.	Label with patient name. Allow the fixed specimen to dry. Complete Cytology Requisition. Deliver to laboratory.
CT/NG (Chlamydia/Gonorrhea) Females	Females: See ThinPrep Pap collection. Specimen can also be collected using an endocervical swab and placing it in M4 transport media.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
CT/NG (Males, urine collection)	Males: Collect 10-50 ml of first catch urine into clean polypropylene container without preservative, or collect a urethral swab and place in M4 transport media. Note: Patient must not have urinated during the previous 2 hours for urine collection.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
Diaphragmic Washings – see Pel	vic Wash	
EFFUSION FLUIDS (Body cavity fluids)	Collect specimen with five units of heparin per 1 ml of fluid.	Label specimen container with patient name. Rush specimen to laboratory and notify laboratory personnel of its arrival.
ESOPHAGEAL BRUSHING	Immerse brush end of fiber optic brush into 50 ml tube containing 30 ml of Cytolyt cytology transport media. Extend brush out into media and rinse well. Cut one inch above the brush so that the brush drops into the tube. Discard the other end of the brush into biohazard container. Note: When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.

Specimen Type	Collection	Handling
FNA (Fine Needle Aspiration Biopsy)	Expel contents of syringe (preferably non-bloody) directly into 50 ml tube containing 30 ml of Cytolyt cytology transport media. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
HPV (Hybrid Capture)	See ThinPrep Pap collection. Specimen can also be collected and rinsed into a Digene Cervical Sampler.	Label specimen container with patient name. Complete PAP requisition. Deliver to laboratory
Lung Washings (by fiber optic pr		
NIPPLE SECRETION	Remove the outer "crust" from the nipple. Spread fluid onto labeled, frosted-end slide and fix immediately with spray fixative or 95% alcohol. Label with patient name.	Allow the fixed specimen to dry. Label specimen container with patient name. Complete Laboratory Requisition. Deliver to laboratory.
NIPPLE SECRETION FOR "FAT" STAIN	Make slide(s) as in Nipple Secretion procedure (above) but <u>DO NOT FIX.</u> Allow slide(s) to air dry. Label with patient name. <i>Requisition must be labeled</i> <i>with request for Fat Stain.</i>	After slide(s) is dry, Label slides (if not already performed). Complete Laboratory Requisition. Deliver to laboratory.
Pap Smear – see CVE or ThinPr	ep Pap	
Pericolic Washings – see Pelvic	Wash	
PELVIC WASH (also Diaphragmatic and Pericolic Washings)	Put in a 4 oz container with lid and add 30 ml of Cytolyt cytology transport media. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
PNEUMOCYSTIS jiroveci Induced sputum or bronchial specimens ONLY.	For sputum: Collect into 4 oz container with lid and add 30 ml of Cytolyt cytology transport media. For bronchial specimens: Follow Bronchial Washings method.	Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.

Specimen Type	Collection	Handling	
Skinny Needle Biopsy – see FNA			
	Spinal Fluid – see CSF		
SPUTUM	Instruct the patient, upon arising in the morning, to brush his/her teeth and wash his/her mouth well. Have the patient cough deeply and repeatedly into a 4 oz container with lid that contains 30 ml of Cytolyt cytology transport media. Warn the patient that the Cytolyt is poisonous. If the patient cannot produce a deep cough specimen, a Respiratory Technologist can assist if the physician requests. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	After slide(s) is dry, Label slides (if not already performed). Complete Laboratory Requisition. Deliver to laboratory.	
<i>Note:</i> If the sputum is also to be used for microbiology testing, collect the specimen into a sterile container, without fixative. Deliver to laboratory. Notify laboratory personnel of its arrival.			

Specimen Type	Collection	Handling
ThinPrep PAP SMEAR	A gynecologic specimen is collected using a cervical broom, brush and/or spatula following published collection method. Call the lab for these collection techniques. The sampling device is rinsed vigorously into a ThinPrep vial filled with PreservCyt fixative.	Label specimen container with patient name. Complete Deliver to laboratory.
THYROID FNA	Expel contents of syringe (preferably non-bloody) directly into 50 ml tube containing 30 ml of Cytolyt cytology transport media. <i>Note:</i> When Cytolyt is not available or other testing is needed on specimen, RUSH specimen to lab – Fresh.	Label specimen container with patient name. Complete Cytology requisition. Deliver to laboratory.
URINE, INSTRUMENTATION COLLECTION* *On all urine specimens it is very important to list all medications, history of urinary pathology and any recent urinary tract instrumentations (IVP, etc.).	Use <u>no water</u> for the actual collection. Normal physiologic saline or the patient's urine is recommended.	Label specimen container with patient name. Upon collection, the specimen should be immediately sent in 30 ml of Cytolyt. Complete Cytology Requisition. Deliver to laboratory. Specimen will then be refrigerated.
URINE CATHETERIZED * *On all urine specimens it is very important to list all medications, history of urinary pathology and any recent urinary tract instrumentations (IVP, etc.).	Before inserting the catheter, it is helpful to collect a <u>voided baseline</u> urine (see Urine, Voided below) for comparison to the catheterized specimen if there is any question of low-grade transitional cell carcinoma. Excessive lubricant should be avoided as it may obscure the cells. Once the specimen has been collected, it should be treated like any urine sample. A better yield of cells can be obtained by bladder washing; irrigating the bladder mucosa with 50 cc of normal physiologic saline several times with a piston-type syringe.	Upon collection, the specimen should be immediately sent to the laboratory. It should be sent fresh and unfixed . If overnight or weekend delay is anticipated, fix specimen with 30 ml of Cytolyt and refrigerate. Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.

Specimen Type	Collection	Handling
Specimen Type URINE, VOIDED* *On all urine specimens it is very important to list all medications, history of urinary pathology and any recent urinary tract instrumentations (IVP, etc.).	The optimum sample for cytology is obtained after hydration and exercise (50- 100 cc of urine is considered adequate); Pooled 24 hour and concentrated early morning specimens are <u>not</u> recommended Pooled 24 hr specimens will be rejected. A recommended procedure is to have the patient drink two glasses of water, one hour apart. Wait thirty minutes and collect the specimen. Exercise, such as jumping or skipping is said to greatly increase the exfoliation of cells. External bladder	Handling Deliver the specimen to laboratory immediately upon collection. It should be sent fresh and unfixed. If overnight or weekend delay is anticipated, fix specimen with 30 ml of Cytolyt and refrigerate. Label specimen container with patient name. Complete Cytology Requisition. Deliver to laboratory.
	massage may also accomplish this. A clear, midstream urine is recommended, especially in females.	

Collection of Pathology Specimens:

For routine Pathology, tissue should be placed in 10% FORMALIN immediately. The optimal volume of formalin is to be at least 10 times the volume of the tissue when possible. An adequately sized container should be used. This will ensure proper fixation and avoid drying out and decomposition of the tissue. Note: All necessary fixatives can be obtained from the Laboratory.

Most specimens are to be kept at room temperature. Exceptions are specified under Collection or Handling Instructions.

Specimen Type	Collection	Handling
CALCULI	No additive	Label specimen container with patient name. Complete Pathology requisition. Deliver to laboratory
CHROMOSOME ANALYSIS	Submit placental tissue and/or fetus in RPMI for analysis (optimal size 10 mm x 10 mm x 5mm). ALLOW RPMI to come to room temperature. **For histological analysis, place remainder of placenta and/or fetus in 10% FORMALIN.	Label specimen container with patient name. Complete Pathology requisition. Deliver specimen to laboratory. **RPMI is refrigerated until use. Specimen will be sent to TRICORE.
FROZEN SECTIONS	**Must be coordinated with Pathologist prior to surgery. Fresh tissue without any fixative should be brought to the laboratory and hand delivered to the Pathologist or other laboratory personnel.	Label specimen container with patient name. Complete Pathology requisition. Deliver specimen to laboratory.
HORMONE RECEPTORS	Collect the specimen from the specified site and place in 10% FORMALIN (same as routing histology).	Label specimen container with patient name. Complete Pathology requisition. Deliver specimen to laboratory.
LEG AMPUTATIONS	These require no fixative. Amputations should be placed in a red biohazard bag(s) and labeled on the exterior of the bag. These specimens are to be placed in the refrigerator if collected during second or third shift. NOTE: Amputations other than legs, e.g. fingers, toes, should be treated as specified under routine specimens.	Label specimen container with patient name. Complete Pathology requisition. Deliver specimen to laboratory.
LYMPH NODES FOR CELL MARKER/FLOW CYTOMETRY	Lymph nodes which require cell marker/ flow cytometry special studies should be placed in RPMI (optimal size 10 mm x 5mm x 1 to 2mm size). Generally, smaller minced tissue fragments provide a better cell viability. ALLOW RPMI to come to room temperature.	Label specimen container with patient name. Complete Pathology requisition. Deliver specimen to laboratory.

LIS Downtime procedure

In the event of computer downtime, the individual sections of the laboratory will continue to function, maintaining complete information about each specimen tested for patient reporting and later input into the computer system.

EMERGENCIES

In the event of electrical power outage:

- 1. The system administrator should be notified immediately.
- 2. All terminals and printers should remain powered on supported by the Hospital's Auxiliary Emergency Generator.

SPECIMEN PROCUREMENT

The lab assistants, technologists, or nursing services personnel will collect and deliver specimens utilizing the Lab Computer Downtime Requisition form. Refer to page 18 for requisition form.

- 1. Each Requisition will contain the following information:
 - a. Patient label (if available) or
 - b. Patient's name, Medical Record # and Account #.
 - c. Specific tests to be performed.
 - d. Priority (STAT, ASAP, Timed or Routine)
 - e. Ordering practitioner.
 - f. Collector's initials.
 - g. Collection date and time.

LABORATORY DEPARTMENT PROCESSING AND REPORTING

- 1. All specimens coming into the department must be accompanied by a downtime request slip. This slip will accompany the specimen to each department of the Laboratory for testing.
- 2. Specimens with previously printed HMS labels will have the label placed on the specimens for tracking purposes.
- 3. Any specimen comments should be noted on the request slip.
- 4. Once testing is completed, utilize the Manual Report Forms (see attached) to copy the analyzer results to which will be used for distribution to the ordering department or clinic.

Test Menu

The following table is a list of tests available through the Los Alamos Medical Center Laboratory. The list includes all tests currently performed on site and many of the more common send out tests. This list is not all inclusive, if you do not find what you are looking for please contact the laboratory for specimen collection and transport information.

Testing Priority:

As Ordered:	Testing will be performed as it is ordered. Results available next
	business day or sooner.
Send Out:	Testing not performed on site, specimens sent to reference lab.
Results	Available in 3 to 5 business days for most tests.
Batched:	Testing performed at specific time only, contact lab for details.
Tests appearing in bl	ue on the list are performed at LAMC lab, all others are sent out.

Abbreviations used in the Testing List

Specimen Type

men rype			
S	Serum	SL	Slide
WB	Whole Blood	GP	GenProbe
Р	Plasma	А	Urine Aptima Device
U	Urine	PKU	PKU form
F	Fluid	TP	Thin Prep Vial
Stool	Fecal Material	AC	ACD Tube
Wash	Bronchial Wash	Sputum	Sputum
NP	Nasopharygeal Swab		

Draw Tube / Container

R	Red stopper, No Additive tube
L	Lavender stopper, EDTA anticoagulant
SST	Gold stopper, serum separator tube
LB	Light Blue stopper, Sodium Citrate anticoagulant
BC	Blood Culture Bottle
GR	Green stopper, sodium or lithium heparin anticoagulant
U24	24 hour Urine Collection Container
BG	Blood Gas Syringe
GY	Gray stopper, Sodium Fluoride/Potassium Oxalate anticoagulant
V	Viral Culture Media
S	Sterile tube with ~ 1 mL saline
SC	Sterile Container – Urine Cup
RB	Royal Blue top
ACD	ACD tube
FOR	Formalin
O & P	Ova and Parasite (Para-Pak)
MICRO	See Microbiological Specimen Collection Requirements.

Listing of AMA Approved Organ and Disease Panels

These are the only panels offered by Los Alamos Medical Center Laboratory.

Electrolyte Panel (80051) - Carbon Dioxide - Chloride	- Potassium - Sodium	
Basic Metabolic Panel (80048) BM		
- Carbon Dioxide	- Potassium - Creatinine	- Chloride
SodiumUrea Nitrogen (BUN)	- Glucose	- Calcium
- Olea Millogell (BUN)	- Glucose	
Comprehensive Metabolic Panel (80	0053) CMP	
- Carbon Dioxide	- Potassium	- Chloride
- Sodium	- Creatinine	- Calcium
- Urea Nitrogen (BUN)	- Glucose	- Albumin
- Alkaline Phosphatase	- Bilirubin, Total	- Protein, Total
- AST / SGOT	- ALT / SGPT	
Lipid Panel (80061)		
- Cholesterol	- HDL	- Triglycerides
Hepatic Function Panel (80076) LI		
- Albumin	- Alkaline Phosphatase	- Bilirubin, Direct
- Bilirubin, Total	- ALT/ SGPT	- AST / SGOT
- Total Protein		
Acute Hepatitis Panel (80074)		
- HBsAg	- HBcAb (IgM)	
- Hepatitis C Ab	- Hepatitis A Ab (IgM)	
Renal Function Panel (80069) RFP		
- Albumin	- Calcium	- Carbon Dioxide
- Chloride	- Creatinine	- Glucose
- Phosphorous	- Potassium	- Sodium
- Urea Nitrogen (BUN)		
Arthritis Panel (80072)		
- Uric Acid	- ANA	
- Sedimentation Rate	- RA Factor	

HMS Code	Test Name	Sp Type	Draw	vol	Special Instructions
OHPROGES	17-OH Progesterone	S	R/SST	0.5	
21HYDROX	21-Hydroxylase Antibodies (Adrenal)	S	R/SST	1	
5 NUCLEO	5' Nucleotidase	S	R/SST	0.5	
HIAA5	5-HIAA,Quant.,24 hour urine	U	U24	30	24 hour Urine Collection
A1C HPLC	A1C BY HPLC	WB	L	2	
ISTATABG	ABG performed on ISTAT (babies only)	WB	ABG	0.5	
ABORH	ABO and Rh Type	WB	L	6	
ABOTYPE	ABO Type only	WB	L	6	
ACETAMIN	Acetaminophen	S	SST	2	
ABACETYL	Acetylcholine Receptor Antibodies	S	R/SST	1.5	
SMEARAFB	Acid Fast Smear	**	**	**	MICRO
ACIDPHOS	Acid Phosphatase	S	R/SST	2	
ACTH	ACTH, Plasma	Р	L	0.5	
ASMA	Actin (Smooth Muscle) Antibody	S	R/SST	1	
ACTPROTC	Activated Protein C Resistance	Р	LB	1	
ABADENOV	Adenovirus Group Antibodies	S	R/SST	1	
CULTAFB	AFB, Culture and Smear	**	**	**	See collection requirement
AFP4	AFP Tetra	S	SST	3	Fill out Genzyme requisition
AFP	AFP, Serum Tumor Marker	S	R/SST	0.5	
AMINOLEV	ALA Delta, 24hour Urine	U	U24	3	Aminolevulinic Acid, protect from light
ALA DELT	ALA Delta, Random Urine	U	SC	3	Protect from light
ALBUMIN	Albumin	S	R/SST	2	
BFALB	Albumin, Body Fluid	F	R	1	
ALCOHOLU	Alcohol , Urine	U	SC	2	
ETOH	Alcohol, Ethanol (EtOH)	S	R/SST	2	
ALDOLASE	Aldolase	S	R/SST	1	
URALDOST	Aldosterone, 24 hour urine	U	24U	10	24 hour Urine Collection
ALKPBONE	Alk Phosphatase, Bone Specific	S	R/SST	1	
ALKPHISO	Alk Phosphatase, Isoenzymes	S	R/SST	1	
ALKPHOS	Alkaline Phosphatase(ALKP)	S	R/SST	2	
RAST	ALLERGEN IGE EA	S	R/SST	1	
ALPHAMUT	Alpha 1 Antitrypsin mutation analysis	WB	L	3	
A1A SER	Alpha 1 Antitrypsin, Serum	S	R/SST	1	
ALPHASUB	Alpha Subunit (Free)	S	R/SST	0.5	
ATHALASS	Alpha Thalassemia	WB	L	3	
ALPHAONE	Alpha-1-Antitrypsin Phenotype	S	R/SST	1	

INTEGSCR	ALPHA-FETOPROTEIN SE	S	R/SST	3	Fill out Genzyme requisition
AFP3	Alpha-fetoprotein, Serum	S	R/SST	3	Fill out Genzyme requisition
ALT	ALT (SGPT)	S	R/SST	2	
ALDOSTER	Aldosterone	S	R/SST	1	
ALUMINUM	Aluminum, Plasma or Serum	WB	RB	1	
AMIKACIN	Amikacin Peak/Trough	S	R	0.5	
AMINOACD	Amino Acid Profile, Qn, Plasma	Р	G	0.5	
AMIODARO	Amiodarone (Codarone®)	S	R	0.5	
AMITRIPT	Amytriptoline (Elavil)	S	R	0.5	
AMMONIA	Ammonia	Р	L	2	Place on ice, transport to lab immediately
UAMPHET	Amphetamines Screen, Qual.	U	SC	1	
AMYLASE	Amylase	S	SST	2	
AMYISO	Amylase Isoenzymes	S	R/SST	1	
UR24AMY	Amylase, 24hr urine	U	U24	5	24 hour Urine Collection
UR8AMY	Amylase, 8hour urine	U	U24	5	8 hour Urine Collection
BFAMY	Amylase, Body Fluid	F	R	1	
URAMY	Amylase, random urine	U	SC	5	
ANA COMP	ANA Comprehensive Panel	S	R/SST	1	
ANARDL	ANA sent to RDL	S	R/SST	2	
					Anti-MPO, anti-PR3, C-ANCA, P-ANCA, Atypical
ANCA	ANCA Panel	S	R/SST	2	pANCA
ANCA SCR	ANCA Screen w/reflex	S	R/SST	1	C-ANCA, P-ANCA, Atypical pANCA
ANDRO	Androstenedione	S	R	0.5	
ANGIOTEN	Angiotensin-Converting Enzyme	S	R/SST	0.5	
ANTI IGE	Anti IgE Receptor	S	R/SST	0.5	
AB HU	Anti-Neuronal Nuclear Antibody (ANNA)	S	R/SST	0.5	
ANTIRIBP	Anti-Ribosomal P Antibodies	S	R/SST	0.5	
ANTI-RNA	Anti RNA Poly III IgG, Ab	S	R/SST	1	
ABADRREN	Antiadrenal Antibodies, Quant.	S	R/SST	1	
ABS	Antibody Screen	WB	L	6	
IGGCARDI	Anticardiolipin Ab, IgG	S	R/SST	0.5	
ABCARDIO	Anticardiolipin Antibodies, IgG/IgM/IgA	S	R/SST	1	
AB CENTR	Anti-Centromere B Antibodies	S	R/SST	0.5	
AB CHROM	Antichromatin Antibodies	S	R/SST	1	
ABDNASE	Anti-Dnase B Strep Antibodies	S	R/SST	0.5	
ABDNADS	Anti-dsDNA Antibodies	S	R/SST	1	Double Stranded DNA
	· · · · · · · · · · · · · · · · · · ·	S	R/SST	1	(ENA, RNP, Sm, Smith)

GLIA IGA	Antigliadin Abs, IgA	S	R/SST	0.5	
AB HISTO	Antihistone Antibodies	S	R/SST	0.5	
ANTI JO1	Anti-Jo-1	S	R/SST	0.5	
ANTI_MAG	Anti-MAG myelin Associated Antibody	S	R/SST	0.5	
ANTIMULL	Anti-Mullerian Hormone (AMH)	S	R/SST	0.5	
AB MPO	Antimyeloperoxidase (MPO) Antibody	S	R/SST	0.5	
ANA	Antinuclear Antibodies, IFA (ANA-Hep2)	S	R/SST	1	
PHOSPHAT	Antiphosphatydylserine IgA, IgM, & IgG	S	R/SST	0.5	
APAS SET	Anti-Phospholipid Antibody Panel - Tricore	P&S	4LB & 2R	4 & 2	Contact Lab for instructions.
AB PR3	Antiproteinase 3 (PR-3) Antibody	S	R/SST	0.5	
AB SCL70	Antiscleroderma-70 Antibodies	S	R/SST	1	
ABDNASS	Anti-ssDNA Antibodies IgG	S	R/SST	0.5	Single Stranded
ASO	Antistreptolysin O Ab. (ASO)	S	R/SST	2	
ANTHRMB	Antithrombin III Antigen	Р	LB	1	Fill tube to Capacity
ANTITHRO	Antithrombin III Deficiency Profile	Р	LB	2	
ABTHYROG	Antithyroglobulin Ab	S	R/SST	1	
APOEGENO	Apo E Genotyping: Cardio Risk	WB	L	1	APOLIPOPROTEIN E GENOTYPE
APOLIP B	Apolipoprotien B	S	R/SST	2	
PTT	APTT	Р	LB	Fill	Fill tube to Capacity
ARSENIC	Arsenic, Blood	WB	RB	1	
ABG	Arterial Blood Gas	WB	BG	1	Transport to lab immediately
AST	AST/SGOT	S	SST	2	
BPERTUSS	B. Pertussis to State Lab	Swab		0.5	
PERTDFA	B.Pertussis (Smear/Culture)	Slides			See collection requirements
BABESIA	Babesia microti AB IgG and IgM	S	R/SST	0.5	
UBARBITU	Barbiturates Screen, Qual	U	SC	1	
AB BARTO	Bartonella Antibody Panel,	S	R/SST	2	Contact lab for list of organisms tested for.
BMP	Basic Metabolic Panel	S	SST	0.5	Fasting Specimen preferred.
BCRABL_T	BCR-ABL Quant t(9,22) - Bone Marrow	BONE M		2	Use Tricore Hematopathology requisition
BENZO	Benzodiazepine Screen, Serum	S	R	1	
UBENZO	Benzodiazepines Screen, Qual	U	SC	1	
BERYLLIU	Beryllium, Blood	Nat. J.	**	**	Contact lab for instructions
BER1	Beryllium-Lymphocyte Transform to Nat J.	Nat. J.	**	**	Contact lab for instructions
BETA2	Beta-2 Glycoprotein I Ab, IgG, IgM, IgA	S	R/SST	1	
B2MICROS	Beta-2 Microglobulin, Serum	S	R/SST	0.5	
UB2MICRO	Beta-2 Microglobulin, Urine	U	SC	2	
UBICARB	Bicarbonate (HCO3), Urine	U	SC	5	

BILEACID	Bile Acids	S	R/SST	0.5	
BFBILI	Bilirubin Total, Body Fluid	F	R	2	Protect from Light
BILIDIR	Bilirubin, Direct	S	SST	0.5	Protect from Light
NEOBILI	Bilirubin, Neonatal	S	SST	5	Protect from Light
BILIT	Bilirubin, Total	S	SST	1	Protect from Light
VITAB7	Biotin / Vitamin B7	S	R/SST	1	
BKVIRUS	BK Quant PCR (PLASMA/SERUM)	Р	L	1	Protect from Light
UA BKVIR	BK Virus, Quant, Urine, RT-PCR	U	SC	2	
ABBLASTO	Blastomyces Abs	S	R/SST	1	
ABID1	Blood Bank Antibody Identification	WB	L	6	
VBG	Blood Gas, Venous	WB	GR	2	Transport to lab immediately
BLOOM	Bloom Syndrome	WB	ACD-A	1	Fill out Genzyme requisition
BFCREAT	Body Fluid Creatinine	F	R	2	Specify Fluid type on request.
BONEMARR	Bone Marrow Smear	BM		**	Scheduele with Hematology Department
AB BORDE	Bordetella pertussis Antibody, IgG	S	R/SST	0.5	
ABBRUCE	Brucella Antibody IgG / IgM	S	R/SST	0.5	
BNP	B-Type Natriuretic Peptide (BNP)	WB	L	2	
BUN	BUN (Urea Nitrogen)	S	SST		
BUPRENOR	Buprenorphine Screen (Suboxone)	U	SC	10	
CDIFFTOX	C. difficile Toxin	Stool	SC	1 gram	
CDIFFNAA	C. Difficile Toxin Gene, NAA	Stool	SC	5grams	
AB CDIFF	C.Difficile Cytotoxin Ab Neutralizaion	S	SST	1	
PENC G	C001-IgE Penicillin G	S	R/SST	1	
PENC V	C002-IgE Penicillin V	S	R/SST	1	
C1ESTFUN	C1 Esterase Inhibitor, Functional	S	R	0.5	
C1ESTINH	C1 Esterase Inhibitor, Seru,	S	R/SST	0.5	
CADMIUM	Cadmium, Blood	WB	RB	1	
CALCITON	Calcitonin, Serum	S	R/SST	0.5	
CALCIUM	Calcium	S	SST	0.5	
UR24CA	Calcium, 24hr urine	U	U24	5	24 hour Urine Collection
CAIONIZE	Calcium, Ionized, Serum	S	SST	1	Draw in own tube, Do NOT open
URCA	Calcium, random urine	U	SC	5	· · · · · ·
STONEANA	Calculi, Urinary	Stone	SC	**	
CALPROT	Calprotectin, Fecal	Stool	SC	2	
CAMPYAG	Campylobacter antigen	Stool	SC	1gram	
CANAVAN	Canavan Disease	WB	ACD-A	3	Fill out Genzyme requisition
CA125	Cancer Antigen (CA) 125	S	R/SST	0.5	

CA15-3	Cancer Antigen (CA) 15-3	S	R/SST	0.5	
CA27	Cancer Antigen (CA) 27.29	S	R/SST	0.5	
AB CANDI	Candida Antibody, IgG	S	R/SST	0.5	
CANCONF	Cannabinoid Confirmation, Urine	U	SC	10	
UTHC	Cannabinoids Screen, Qual	U	SC	1	
CBG	Capillary Blood Gas	WB	Нер	2	
CARBAMAZ	Carbamazapine (Tegratol)	S	R/SST	2	
CA19-9	Carbohydrate Antigen 19-9	S	R/SST	0.5	
%CDT	Carbohydrate Deficient Transferase	S	SST	1	
CO2	Carbon Dioxide, Total	S	SST	2	
COQNT	CARBON MONOXIDE, BLOOD	WB	GR (Li)	2	Place on ice, transport to lab immediately
CARNITIN	Carnitine, Total	S	R/SST	2	
CAROTENE	Carotene, Beta	S	R/SST	2	Protect from Light
CATECHQT	Catecholamines, Plasma	Р	L	3	
CATECHFR	Catecholamines, Urine, Free, 24hr.	U	U24	10	
AB CITRU	CCP Antibodies IgG and IgA	S	R/SST	0.5	Cyclic Cirullinate Peptide
CD4 CD8	CD4 and CD8 Counts	WB	L & AC	7&7	
CD-57	CD-57 HNK - 1 Panel	WB	L & AC	7&7	
CEA	CEA	S	R/SST	0.5	
					Glidadin IgA & IgG, tTG IgA &IgG, Endomysial IgA,
CELIAC	Celiac Disease Comprehensive	S	R/SST	1	Total IgA
CELIACDQ	Celiac Disease HLA DQ Assoc.	WB	L	3	
BFCCWDIF	Cell Count with differential, Body Fluid	F	L&R	2	
CEPHALEX	Cephalexin Level	S	R	0.5	
CERULOPL	Ceruloplasmin	S	R/SST	0.5	
AB CHLAM	Chlam. Pnuemoniae Antibody (IgG & IgM)	S	R/SST	0.5	
CHLAMIGG	Chlamydia Antibody, IgG	S	SST	0.5	
CULTCHLA	Chlamydia trachomatis Culture	**	**	**	MICRO
CHLAMAB	Chlamydia trachomatis IgG, IgA, IgM	S	R/SST	0.5	
GENPROBE	Chlamydia/GC Amplification	GP	GP /A	**	Specify Source
CHLORAMP	Chloramphenicol, Serum	S	R	0.5	
CL	Chloride	S	SST	2	
UR24CL	Chloride, 24hr urine	U	U24	5	24 hour Urine Collection
URCL	Chloride, random urine	U	SC	5	
CHLORINA	Chlorinated Hydrocarbons (Chlordane)	S	R	2	Organochlorine Pesticides
DHDL	Cholesterol, HDL	S	SST	2	Fasting Specimen preferred.
CHOL	Cholesterol, Total	S	SST	0.5	Fasting Specimen preferred.
CHOLINES	Cholinesterase, Serum	S	R/SST	0.5	

CHROMIUM	Chromium, Plasma	Р	RB	1.5	
CHROMA	Chromogranin A	S	R/SST	0.5	
CHROMO20	Chromosome Analysis, Blood Routine	WB	Нер	2	Use Tricore Hematopathology requisition
CHROMOAN	Chromosome Analysis, Turners	WB	Нер	2	Karyotype, Routine G-Banding
CHROMO5	Chromosome, Leukemia/Lymphoma	WB/BM	L	3	
CGD	Chronic GranulomatousCGD:CYBB	WB	L	2	
UTICCARIA	Chronic Urticaria Index	S	R/SST	1	
CELLSCRE	CIRC. TUMOR CELLS, PROSTATE	WB	CellSave	7.5	Obtain special tube from Lab.
CELLCOLN	CIRCULATING TUMOR CELLS, COLON	WB	CellSave	7.5	Obtain special tube from Lab.
CELLBRST	CIRCULATING TUMOR CELLS, BREAST	WB	CellSave	7.5	Obtain special tube from Lab.
UR24CITR	Citric Acid (Citrate), Urine	U	U24	5	24 hour Urine Collection
CPKISO	CK, Total + Isoenzymes, Serum	S	R/SST	1	
CKMB	СКМВ	S	SST	2	
CLOMIPRA	Clomipramine, Serum	S	R	0.5	
CLONAZEP	Clonazepam (Klonopin®), Serum	S	R	1.5	
CLORAZEP	Clorazepate (Tranxene®), Serum	S	R	0.5	
ABS CMV	CMV Antibodies IGG/IGM	S	R/SST	2	
COBALT	COBALT, PLASMA	Р	RB	1	
COCQNT	Cocaine Metabolite Confirmation, Urine	U	SC	15	
UCOCAINE	Cocaine Metabolite Screen, Qual	U	SC	1	
ABCOCCID	Coccidioedes Antibody	S	R/SST	1	
Q10	Coenzyme Q10, total	Р	GR	0.5	Protect from Light
COLDAGGL	Cold Agglutinin Titer, Quant	S	R	0.5	Contact Lab for instructions
IGE FOOD	Common Food Allergy Panel	S	R/SST	2	Contact lab for list of foods included in this test
C4A	Complement C4a	Р	L	1	
C4	Complement, C4	S	R/SST	1	
CH50	Complement, Total (CH50)	S	R/SST	0.5	
CBC	Complete Blood Count	WB	L	3	
C2	Compliment C2	S	R/SST	0.5	
C3	Compliment C3	S	R/SST	1	
C3A	Compliment C3A, Des-Arginine	P	L	0.5	plasma with Furthan
CMP	Comprehensive Metabolic Panel	S	SST	4	· · · · · · · · · · · · · · · · · · ·
COPPER	Copper, Serum	Р	RB	0.5	
CORD	Cord Blood Workup	WB	L	6	
CORTISOL	CORTISOL	S	R/SST	0.5	
CORTACTH	Cortisol ACTH Stimulation	S	R/SST	1	Baseline, Stimulation
CORTISAL	Cortisol Saliva	Saliva	special	0.5	

U24CORT	Cortisol, Free, 24 Hour Urine	U	U24	100	24 hour Urine Collection
FREECORT	Cortisone U + Cortisol U	U	24U	10	
NEUROPAT	Co-Sens. Neuropathy Profile	S	R/SST	2	Protect from Light
AB COXSA	Coxsackie A IgG and IgM Antibodies	S	R/SST	1	Hand, Foot, Mouth Disease
CPCLOPID	CP, Clopidogrel CYP2C19 Genotype	WB	L	3	
CPEPTIDE	C-Peptide, Serum	S	R/SST	0.5	
CRP	C-Reactive Protein	S	SST	2	
CRP HS	C-Reactive Protein, High Sens	S	SST	2	
СК	Creatine Kinase (CK)	S	SST	2	
	Creatinine Clearance		U24 &		
URCC		U & S	SST	2	24 hr Urine, Serum collected within 48hrs of urine
UR24CREAT	Creatinine, 24hr urine	U	U24	5	24 hour Urine Collection
CREAT	Creatinine, Serum	S	SST	2	
URCREAT	Creatinine, Urine random	U	SC	10	
CRYOGLOB	Cryoglobulin, QL, Serum	S	R/SST	3	Contact Lab for instructions
CRYO1	Cryoprecipitate (5 Unit pool)	WB	L	6	
CRYPTOAG	CRYPTO+GIARDIA+ISOSPO	Stool	O&P	5grms	
CSFCRYPT	Cryptococcus Antigen, CSF	CSF	CSF	0.5	
CRYPTAGN	Cryptococcus Antigen, Serum	S	R	2	
CYCLOPNL	Cryptosporidium/Isospora Smear	Stool	O&P	5grms	
BFCRYST	Crystals, Body Fluid	F	L	1	
NTELOPEP	C-Telopeptide, Serum	S	SST	0.5	
CULTANA	Culture, Anaerobic	**	**	**	MICRO
CULTBLD	Culture, Blood	WB	BC		
CULTAERO	Culture, Body Fluid	F	R	2	MICRO
CULTBM	Culture, Bone Marrow	**	**	**	MICRO
CULTTHRO	Culture, Full Throat	**	**	**	MICRO
CULTAERO	Culture, G.C.	**	**	**	MICRO
CULTAERO	Culture, N.P.	**	**	**	MICRO
CULTAERO	Culture, Sputum	**	**	**	MICRO
CULTSTL	Culture, Stool	**	**	**	MICRO
CULTSSCR	Culture, Strep Screen	**	**	**	MICRO
CULTUA	Culture, Urine	U	SC	1	MICRO
CULTAERO	Culture, Wound	**	**	**	MICRO
CYANIDE	Cyanie Screen, Blood	WB	Gray	2	
CYCLAMP	Cyclic AMP, Plasma	Р	L	0.5	
CYCLOSPO	Cyclosporine, Blod	WB	L	2	
CYSTIC F	Cystic Fibrosis Gene Analysis	WB	4L	12	Fill out Genzyme requisition

CYSFIB	CYSTIC FIBROSIS PROFILE	WB	L	3	
24CYSTIN	Cystine, 24 Hour Urine	U	U24	3	24 hour Urine Collection
CYSTINE	CYSTINE,QN,UR	U	SC	3	
CYT P450	Cytochrome p450 2D6 Genotype	WB	L	3	
CMVIGG	Cytomegalovirus (CMV) Ab, IgG	S	R/SST	0.5	
ABCMVIGM	Cytomegalovirus Antibody IgM	S	R/SST	0.5	
CMVURINE	Cytomegalovirus Culture, Urine	**	VTM	**	See collection requirement
CMVPCR	Cytomegalovirus, Quant, PCR	Р	L	0.5	
DDIMER	D-Dimer	WB	L	2	
DHEA	Dehydroepiandrosterone (DHEA)	S	R/SST	1	
DHEASULF	Dehydroepiandrosterone Sulfate (DHEA-S)	S	R/SST	0.5	
DENGUE	Dengue Fever Ab, IgM and IgG	S	R/SST	0.5	
DESIPRAM	Desipramine, Serum	S	R	0.5	
DEXAMETH	Dexamethasone, Serum	S	R/SST	1	
MAN DIFF	Differential, WBC Manual	WB	L	2	
DIG	Digoxin	S	SST	2	
DIHYDROT	Dihydrotestosterone	S	R/SST	0.5	
PHENY	Dilantin (Phenytoin)	S	SST	2	
DRVVT	Dilute Russell's Viper Venom	Р	LB	1	Fill tube to Capacity
ABDIPTHE	Diphtheria Antitoxoid Ab.	S	R/SST	0.5	
DATMONO	Direct Coombs Test (IgG)	WB	L	6	
DATPS	Direct Coombs Test (Polyspecific)	WB	L	6	
DISOPYRA	Disopyramide, Serum	S	R	0.5	
DOXEPIN	Doxepin (Sinequan), Serum	S	R	0.5	
DRUGMECO	Drug Screen I, Meconium	Mec.	SC	5 grams	
DRGSCN	Drug Screen w/reflex, Blood Plasma	S	2GY	6	
DOA8	Drugs of Abuse Panel	U	SC	5	
CATDAND	E001-IgE Cat hair/Dander	S	R/SST	1	
EBVPANEL	EBV Acute Infection Antibodies	S	R/SST	1	EBVCA(IGG+IGM)+EBVNIG
ABEBVERL	EBV Early Antigen Ab, IgG	S	R/SST	0.5	
EBVNUCAB	EBV Nuclear Antigen Antibodies	S	R/SST	0.5	
EBVVCAG	EBV Viral Capsid antigen, IgG Ab	S	R/SST	0.5	
EBVVCAM	EBV Viral Capsid antigen, IgM Ab	S	R/SST	0.5	
AB ECHIN	Echinococcus Antibody	S	R/SST	0.5	
EHEC	EHEC	Stool	SC	1gram	
EHRLICH	Ehrlichia Profile	WB	L	0.5	

LYTES	Electrolyte Panel	S	SST	2	
DRUGI	Employee Drug Screen	U			See collection requirements
ABENDOMY	Endomysial Antibody IgA	S	R/SST	0.5	
ABENTERO	Enterovirus RT-PCR	М	St. Cont.	**	CSF, NP/throat swab, stool
ECP	Eosinophil Cationic Protein (ECP)	S	special	0.5	
EOSSMEAR	Eosinophil Smear	Slide			2 air dryed smears.
ESR	Erythrocyte Sedimentation Rate (ESR)	WB	L	2	
ERYTHROP	Erythropoietin (EPO), serum	S	R/SST	0.5	
ESTRLTOT	Estradiol (E2), Total	S	R/SST	0.5	
ESTRADIU	Estradiol, Sensitive	S	R/SST	0.5	
ESTRIOL	Estriol (E3), Serum	S	R/SST	0.5	
ESTRO	Estrogens, Fractionated	S	R/SST	2	
ESTROGEN	Estrogens, Total	S	R/SST	2	
ESTRONE	Estrone (E1), Serum	S	R/SST	0.5	Non-Pregnant patients only
ETHOSUXI	Ethosuximide (Zarontin), Serum	S	R	1	
EGGWHITE	F001-IgE Egg White	S	R/SST	1	
MILK	F002-IgE Milk (Cow)	S	R/SST	1	
CODFISH	F003-IgE Codfish	S	R/SST	1	
WHEAT	F004-IgE Wheat	S	R/SST	1	
OAT	F007-IgE Oat	S	R/SST	1	
CORN	F008-IGE CORN	S	R/SST	1	
PEANUT	F013-IgE Peanut	S	R/SST	1	
SOYBEAN	F014-IgE Soybean	S	R/SST	1	
BRAZIL	F018-IgE Brazil Nut	S	R/SST	1	
ALMOND	F020-IGE Almond	S	R/SST	1	
ALMOND-G	F020-IGG Almond	S	R/SST	0.5	
CRAB	F023-IgE Crab	S	R/SST	1	
SHRIMP	F024-IgE Shrimp	S	R/SST	1	
ΤΟΜΑΤΟ	F025-IgE Tomato	S	R/SST	1	
PORK	F026-IgE Pork	S	R/SST	1	
BEEF	F027-IgE Beef	S	R/SST	1	
ORANGE	F033-IgE Orange	S	R/SST	1	
COCONUT	F036-IgE Coconut	S	R/SST	1	
TUNA	F040-IgE Tuna	S	R/SST	1	
SALMON	F041-IgE Salmon	S	R/SST	1	
APPLE	F049-IGE Apple	S	R/SST	1	

MACKEREL	F050-IgE Mackerel	S	R/SST	1	
COCOA	F052-IgE Chocolate / Cocoa	S	R/SST	1	
SCALLOP	F053-IgE Scallop	S	R/SST	1	
PERCH	F065-IgE Perch	S	R/SST	1	
ABFLUORE	F079-IgE Gluten	S	R/SST	1	
LOBSTER	F080-IgE Lobster	S	R/SST	1	
PEACH	F095-IgE Peach	S	R/SST	1	
PECAN	F201-IgE Pecan Nut	S	R/SST	1	
CASHEW	F202-IgE Cashew Nut	S	R/SST	1	
TROUT	F204-IgE Trout	S	R/SST	1	
SAGE	F219-IgE Sage	S	R/SST	1	
EGGWHOLE	F245-IgE Egg, Whole	S	R/SST	1	
PINONNUT	F253-IgE Pinon (Pine Nut)	S	R/SST	1	
WALNUT	F256-IgE Walnut	S	R/SST	1	
BPEPPER	F280-IgE Black Pepper	S	R/SST	1	
HALIBUT	F303-IgE Halibut	S	R/SST	1	
FACTORXI	FACTOR XI	P	LB	1	Fill tube to Capacity
FACTORII	Factor II Activity	P	LB	1	Fill tube to Capacity
PROMUTAT	Factor II DNA Analysis, (Prothrombin)	WB	L	3	
FACTORIX	Factor IX Activity	Р	LB	1	Fill tube to Capacity
IXANTIGE	Factor IX Antigen	Р	LB	1	
FACTORV	Factor V Activity	Р	LB	1	Fill tube to Capacity
FACTVLEI	Factor V Leiden Mutation Analysis	WB	L	3	
FCTVII	Factor VII Activity	Р	LB	1	Fill tube to Capacity
FCTVIII	Factor VIII Activity	Р	LB	1	Fill tube to Capacity
VIIIANTI	Factor VIII Antigen	Р	LB	1	
FACTORX	Factor X Activity	P	LB	1	Fill tube to Capacity
FACTRXII	Factor XII Activity	P WB	LB	1	
FAMILIAL FAP	Familial Dysautonomia	WB		3	Fill out Genzyme requisition Fill out Genzyme requisition
FAP	Familial Polyposis Fanconi's Anemia	WB		3	Fill out Genzyme requisition
FATACID	Fatty Acid Profile Per.C22-C26	S	R	0.5	
FATTYACI	Fatty Acids, Free (Nonester)	S	R/SST	0.5	
FECAL CL	Fecal Chloride	Stool	SC	10 mL	
FECALFAT	Fecal Fat, Qualitative	Stool	SC	0.5grm	
FECALQNT	Fecal Fat, Quantitative	Stool	SC	72hr	72 Hour Collection
FECALWBC	Fecal Leukocytes smear	Stool	SC		

FECLOSMO	Fecal Osmolality	Stool	SC	15	Liquid Specimens
FECAL K	Fecal Potassium	Stool	SC	10 mL	
FECREDUC	Fecal Reducing Substances	Stool	SC	1 grm	
FECAL NA	Fecal Sodium	Stool	SC	10 mL	
FELBAMAT	Felbamate (Felbatol®), Serum	S	R	1	
FERR	Ferritin	S	SST	2	
FS	Fetal Screen	WB	L	6	
FDP	Fibrin Degradation Products	Р	LB	1	Fill tube to Capacity
FIBRIN	Fibrinogen	Р	LB	1	Fill tube to Capacity
FIBROSPC	Fibrospect - Prometheus	prometh			See Prometheus order form for instructions
BCR-ABL	FISH, BRC-ABL T(9;22)	WB	GR(Na)	1	Use Tricore Hematopathology requisition
FLECANID	Flecainide (Tambocor™), Serum	S	R	1.5	
FLOWCYTO	Flow Cytometry Study	WB	GR	3	Use Tricore Hematopathology requisition
FOLICRBC	Folate, RBC	WB	2 L	4 & 4	See Lab Corp collection instructions
FOL2	Folic Acid, Serum	S	SST	1	
FRAGXHR	Fragile X Chromosome Analysis High Res	WB	L & GR	7&2	
ABFRANTU	Francisella tularensis Ab. IgG and IgM	S	R/SST	1	
FAI	Free Androgen Index (FAI)	S	R/SST	1	
FREECARB	Free Carbamazepine	S	R	1	
	Free Kappa and Lambda Light Chains,				
LIGHTCHA	Serum	S	R/SST	0.5	
K&LCHAIN	Free Kappa and Lambda Light Chains, Urine	U	SC	2	Random or 24 hour Urine
T4FREE	Free T4	S	SST	2	
FT4D	Free T4 BY DIALYSIS	S	R/SST	1	
T4DIALYS	Free T4 by Dialysis/Mass Spec	S	R	1	
FFP1	Fresh Frozen Plasma - 1 unit	WB	L	6	
FRUCTAMI	Fructosamine	S	R/SST	1	
FSH	FSH, Serum	S	R/SST	0.5	
C-FUNGAL	Fungal Stain	**	SC	**	MICRO
CULFUNSK	Fungus Culture (Mycology)		SC		See collection requirement
FISH/SHE	FX02-IgE Fish/Shell Mix	S	R/SST	1	Cod, Shrimp, Mussel, Salmon, & Tuna
BERMGRAS	G002-IgE Bermuda Grass	S	R/SST	1	
TIMGRASS	G006-IgE Timothy	S	R/SST	1	
BLUEGRAS	G008-IgE Bluegrass, Kentucku	S	R/SST	1	
G6PD	G-6-PD, Quant, Blood and RBC	WB	2 L	8	
NEURONTI	Gabapentin (Neurontin®), Serum	S	R	0.5	
GAD65	GAD/ICA512/Insulin Ab H.S.	S	R/SST	2	GAD 65, Insulin ab, IA-2 Ab
		5	1/001	۷	GAD 05, IIISUIIII ab, IA-2 Ab

GALACT	Galactosemia: GALT	WB	L	2	
GGT	Gamma Glutamyl Transferase	S	SST	2	
GASTRBLD	Gastric Occult Blood	GASTR	SC	**	
ANTI GPA	Gastric Parietal Cell Ab	S	R/SST	0.5	
GASTRIN	Gastrin, Serum	S	R/SST	0.5	
GAUCHERS	Gaucher's Disease	WB	AC	20	Fill out Genzyme requisition
GENT PK	Gentamicin, Peak	S	R	2	Peak: draw 30 - 60min post dose
GENT	Gentamicin, Random	S	R	2	
GENT TR	Gentamicin, Though	S	R	2	Trough: draw just prior to nest dose.
FRAGILEX	Genzyme Fragile X	WB	AC	5	Fill out Genzyme requisition
GIAABS	Giardia Lamblia Abs, IgA, IgM, and IgG	S	R/SST	1	
GIARDIA	Giardia lamblia Ag, EIA	Stool	O&P	2grm	
AB GLIAD	Gliadin Ab, IgG	S	R/SST	0.5	
AB GBM	Glomerular Basement Membrane Ab	S	R/SST	0.5	
GFR	Glomerular Filtration Rate	S	SST	2	Calculated using Creatinine result
GLUCAGON	Glucagon, Plasma	Р	L	0.5	Plasma with Trasylol®
GLU2	Glucose	S	SST	2	Fasting Specimen preferred.
GLU 2HPP	Glucose 2 hour post-parandial	P	GRAY	1	
PCX GLU	GLUCOSE HOME DEVICE	FS	FS	**	FINGER STICK GLUCOSE
1HRGTT	Glucose Tolerance Test 1hr.	Р	GY	2	
GTT 2HR	Glucose Tolerance Test 2hr.	Р	GY	2	Patient must be fasting
GTT 3HR	Glucose Tolerance Test 3hr.	Р	GY	2	Patient must be fasting
GTT 5HR	Glucose Tolerance Test - 5 hour	Р	GRAY	1	Pathologist authorization required
BFGLU	Glucose, Body Fluid	F	R	1	Specify Fluid type on request.
GLU 1HPP	Glucose1 hour post-parandial	P	GRAY	1	
AB GAD	Glutamic Acid Decarboxylase (GAD-65)	S	R/SST	0.5	
AB GLUTE	Gluten Sensitivity, IgA and IgG	S	R/SST	0.5	
A1C	Glycated Hemoglobin (A1c)	WB	L	2	
GLYCO DZ	Glycogen Storage disease	WB	AC	20	Fill out Genzyme requisition
GLYCO_DZ	Glycogen Storage disease 1a	WB	L	3	von Gierke Disease
GONAD RH	Gondadotropin releaseing Hormone	Р	L	0.5	Plasma with Trasylol®
GQ1B	GQ1B IgG Antibody	Р	L	0.5	
GRAMSTAI	Gram Stain	**	**	**	MICRO
GAS	Group A Strep, Rapid	**	**	**	MICRO
CULTGBS	Group B Strep Screen	**	**	**	MICRO
HUMGRHRM	Growth Hormone, Serum	S	R/SST	0.5	
ABHPYLOR	H. pylori Antibody IgG, Qualitative	S	SST	2	

STATEFLU H1M1 To State Lab	HPYLORAG	H. pylori Stool Antigen	Stool	SC	2 grm	
STATETED Time To State Eab Contact Eab to Tristicate Eab HB Haemophius Influenza B tgG S R/SST 0.5 HANTA Hantavirus Antibodies, ELISA - Lab Corp S R/SST 1 HANTASH Hantavirus Antibodies, ELISA - Tricore S R/SST 1 HAPTO Haptoglobin S R/SST 2 HCGQUAN hCG, Quantitative S SST 2 HCGUR hCG, Qualitative Serum S R/SST 2 HCGUR hCG, Qualitative Urine U SC 2 HLTHFAIR HEALTHFAIR SST 2 AVAILABLE AT HEALTHFAIR ONLY UAHYYMTL Heavy Metal profile II, Urine Random or 24hr U SC 2 HYVMETAL Heavy Metal profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HYVMETAL Heavy Metals Profile I, Urine U U24 10 Arsenic, Lead, & Mercury HYVMETAL Heavy Metals Profile II, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HPYLOAGM Helicobacter pylori Antibodies IgA, IgG, IgM <t< td=""><td>H1N1</td><td>H1N1 PCR Probe</td><td>NP</td><td>VTM</td><td>**</td><td></td></t<>	H1N1	H1N1 PCR Probe	NP	VTM	**	
HANTA Hantavirus Antibodies, ELIŠA - Lab Corp S R/SST 1 HANTASAY Hantavirus Antibodies, ELIŠA - Tricore S R/SST 1 HAPTO Haptoglobin S R/SST 2 HCGQUAN hCG Quantitative S SST 2 HCGQUK hCG, Beta Subunit, Quant, Serum S SST 2 HCGUR hCG, Qualitative Urine U SC 2 HITHFAIR HEALTHFAIR S SST 2 HCGUR hCG, Qualitative Serum S SST 2 HCGUR hCG, Qualitative Urine U SC 2 HITHFAIR HEALTHFAIR MEALTHFAIR Nercury, Cadmium HVWETAT Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HYVMETAT Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HYVMETAT Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HYVMETAT Heavy Metals Profile I, Blood WB L 1 Arsenic, Lead, & Mercury HPYLOAGM Heleobacter pylori Antibodies IgA, IgG, IgM S R/SST 1 HEA	STATEFLU	H1N1 To State Lab	**	**	**	Contact Lab for instructions
HANTASAY Hantavirus Antibodies, ELISA - Tricore S R/SST 1 HAPTO Haptoglobin S R/SST 2 HCGOUAN hCG, Beta Subunit, Quant, Serum S SST 2 HCGUSER hCG, Qualitative Serum S SST 2 HCGUAN hCG, Qualitative Serum S SST 2 HLTHFAIR HEALTHFAIR U SC 2 HLTHFAIR HEALTHFAIR S SST 2 HVWETOT Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HVYMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEVYMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEVYMETA Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEVYMETA Heavy Metals Profile I, Blood WB R 2 Lead, Arsenic, Mercury, Cadmium HEVYMETA Heavy Metals Profile I, Blood WB R 2 Lead, Arsenic, Mercury, Cadmium H	HIB		S	R/SST	0.5	
HAPTO Haptoglobin S R/SST 2 HCGQUAN hCG Quantitiative S SST 2 HCGGUSER hCG, Qualitative Serum S R/SST 1 HCGQLSER hCG, Qualitative Serum S SST 2 HCGUR hCG, Qualitative Serum S SST 2 HCGUR hCG, Qualitative Serum S SST 2 HCHTHFAR HEALTHFAIR S SST 2 UAHVYMTL Heavy Metal profile II, Urine Random or 24hr U SC 10 Arsenic, Lead, Mercury, Cadmium HYVMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury HYVMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HYVMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HYVMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury HYVMETAL Heavy Metals Profile I, Blood WB R 2 Lead, Arsenic, Mercury HYVMETAL Heavy Metals Profile I, Blood WB L 1 S S HEN Hemoglobin Electruphoresia & So	HANTA	Hantavirus Antibodies, ELISA - Lab Corp	S	R/SST	1	
HCGQUAN hCG Quantitative S SST 2 HCGTUMOR hCG, Beta Subunit, Quant, Serum S R/SST 1 HCGQLSER hCG, Qualitative Serum S SST 2 HCGUR hCG, Qualitative Urine U SC 2 HLTHFAIR HEALTHFAIR S SST 2 HVYMETOT Heavy Metal profile II, Urine Random or 24hr U SC 10 Arsenic, Lead, Mercury, Cadmium HVYMETOT Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I, Urine Random or 24hr U U24 10 Arsenic, Lead, Mercury, Cadmium HVYMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I, Urine U U24 10 Arsenic, Lead, & Mercury HPYLOAGM Helicobacter pylori Antibodies IgA, IgG, IgM S R/SST 1 1 HGBELECT Hemoglobin and Hematocrit WB L 0.5 1 HGBELECT Hemoglobin Solubility (Sickle Cell scr	HANTASAY	Hantavirus Antibodies, ELISA - Tricore	S	R/SST	1	
HCGTUMOR hCG, Beta Subunit, Quant, Serum S PX/SST 1 HCGQLSER hCG, Qualitative Serum S SST 2 HCGUR hCG, Qualitative Serum S SST 2 HLTHFAIR HEALTHFAIR U SC 2 HLTHFAIR HEALTHFAIR S SST 2 HVYMETAL Heavy Metals profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HVYMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HVYMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I, Blood WB RE 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I, Blood WB L 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I, Blood WB L 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile I,	HAPTO	Haptoglobin	S	R/SST	2	
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HETHFAIR HEALTHFAIR S SST 2 AVAILABLE AT HEALTHFAIR ONLY UAHVYMTL Heavy Metal profile I, Urine Random or 24hr U SC 10 Arsenic, Lead, Mercury, Cadmium HVYMETQT Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury HVYMETAL Heavy Metals Profile I, Blood WB RB 2 Lead, Arsenic, Mercury, Cadmium HEAVYMET Heavy Metals Profile Urine U U24 10 Arsenic, Mercury HEAVYMET Heavy Metals Profile Urine U U24 10 Arsenic, Mercury HH Hemoglobin and Hematocrit WB R 2 Lead, Arsenic, Mercury HYLOAGM Helicobacter pylori Antibodies IgA, IgG, IgM S R/SST 1 HEPSDSD Hemoglobin Solubility (Sickle Cell screen) WB L 1 SICKLESC Hemoglobin Solubility (Sickle Cell screen) WB L 0.5 HEPATOT Hepatin-Induced Platelt Antibody S R/SST 1 ANTIXA Hepatin Function Panel S SST 2	HCGQLSER	hCG, Qualitative Serum	S	SST	2	
UAHVYMTLHeavy Metal profile II, Urine Random or 24hrUSC10Arsenic, Lead, Mercury, CadmiumHVYMETQTHeavy Metals Profile II, BloodWBRB2Lead, Arsenic, MercuryHYYMETALHeavy Metals Profile II, BloodWBRB2Lead, Arsenic, Mercury, CadmiumHEAVYMETHeavy Metals Profile II, BloodWBRB2Lead, Arsenic, Mercury, CadmiumHEAVYMETHeavy Metals Profile, UrineUU2410Arsenic, Lead, & MercuryHPYLOAGMHelicobacter pylori Antibodies IgA, IgG, IgMSR/SST1HHHemoglobin and HematocritWBL2HGBELECTHemoglobin Solubility (Sickle Cell screen)WBL1SICKLESCHemoglobin Solubility (Sickle Cell screen)WBL0.5HEPATOTHeparin Anti-XAPLB1Fill tube to CapacityHEPTHROMHeparin Anti-XAPLB1Fill tube to CapacityHEPTHROMHeparin-Induced Platelet AntibodySR1LFTHepatitis A Ab, IgMSR/SST0.5HAABIGGHepatitis A Ab, TotalSR/SST0.5HEPCAREHepatitis B Core Ab, IgMSR/SST0.5HBSABHepatitis B Core Ab, IgMSR/SST0.5HBSAGHepatitis B Core Antibody (HBSAb)SR/SST0.5HBSAGHepatitis B Surface Antibody (HBSAb)SR/SST0.5HBSAGHepatitis B AntibodyS <td>HCGUR</td> <td>hCG, Qualitative Urine</td> <td>U</td> <td>SC</td> <td>2</td> <td></td>	HCGUR	hCG, Qualitative Urine	U	SC	2	
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HVYMETALHeavy Metals Profile II, BloodWBRB2Lead, Arsenic, Mercury, CadmiumHEAVYMETHeavy Metals Profile, UrineUU2410Arsenic, Lead, & MercuryHPYLOAGMHelicobacter pylori Antibodies IgA, IgG, IgMSR/SST1HHHemoglobin and HematocritWBL2HGBELECTHemoglobin Electrophoresis & SolubilityWBL1SICKLESCHemoglobin Solubility (Sickle Cell screen)WBL0.5HEMOSIDHemosiderin, UrineUSC5HEPA TOTHepatits A, Total with reflex to IgMSR/SST1ANTIXAHeparin-Induced Platelet AntibodySR1LFTHepatic Function PanelSSST2HAABIGGHepatitis A Ab, IgMSR/SST0.5HAABIGGHepatitis B Core Ab, IgMSR/SST0.5HBCABHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBSAGHepatitis B surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antibody (HBsAb)SR/SST1.5HBSAGHepatitis B AntigenSR/SST1.5HBEAGHepatitis B AntigenSR/SST1.5HBEAGHepatitis C confirmationSR/SST1HBEAGHepatitis C confirmationSR/SST1						
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HPYLOAGMHelicobacter pylori Antibodies IgA, IgG, IgMSR/SST1HHHemoglobin and HematocritWBL2HGBELECTHemoglobin Electrophoresis & SolubilityWBL1SICKLESCHemoglobin Solubility (Sickle Cell screen)WBL0.5HEMOSIDHemosiderin, UrineUSC5HEPA TOTHepatits A, Total with reflex to IgMSR/SST1ANTIXAHeparin Anti-XAPLB1Fill tube to CapacityHEPTHROMHeparin-Induced Platelet AntibodySR1LFTHepatitis A, DtalSR/SST0.5HAABIGGHepatitis A DtalSR/SST0.5HAABIGGHepatitis B Core Ab, IgMSR/SST0.5HBCABHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBSABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface AntibodySR/SST0.5HBSAGHepatitis B surface AntibodySR/SST0.5HBEAGHepatitis B contact on the stopSR/SST1.5HEPBE ABHepatitis B contact on the stopSR/SST1HEPABHepatitis C confirmationSR/SST1HEPABHepatitis C confirmationSR/SST1						
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HEPTHROMHeparin-Induced Platelet AntibodySR1LFTHepatic Function PanelSSST2HAABIGMHepatitis A Ab, IgMSR/SST0.5HAABIGGHepatitis A Ab, TotalSR/SST0.5HAABIGGHepatitis B Core Ab, IgMSR/SST0.5HEPBCOREHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBCABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface AntibodySR/SST1.5HEPBE ABHepatitis B e AntibodySR/SST0.5HBEAGHepatitis B e AntibodySR/SST1HEPAGHepatitis C AntibodySR/SST1HEPCABHepatitis C confirmationSR/SST1		Hepaitis A, Total with reflex to IgM		R/SST	1	
LFTHepatic Function PanelSSST2HAABIGMHepatitis A Ab, IgMSR/SST0.5HAABIGGHepatitis A Ab, TotalSR/SST0.5HEPBCOREHepatitis B Core Ab, IgMSR/SST0.5HBCABHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBSABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antigen (HBsAg)SR/SST1.5HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntigenSR/SST1HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	ANTIXA	Heparin Anti-XA	Р	LB	1	Fill tube to Capacity
HAABIGMHepatitis A Ab, IgMSR/SST0.5HAABIGGHepatitis A Ab, TotalSR/SST0.5HEPBCOREHepatitis B Core Ab, IgMSR/SST0.5HBCABHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBSABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antigen (HBsAg)SR/SST1.5HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntibodySR/SST1.5HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	HEPTHROM	Heparin-Induced Platelet Antibody	S	R	1	
HAABIGGHepatitis A Ab, TotalSR/SST0.5HEPBCOREHepatitis B Core Ab, IgMSR/SST0.5HBCABHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBSABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antigen (HBsAg)SR/SST1.5HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntibodySR/SST1.5HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	LFT	Hepatic Function Panel	S	SST	2	
HEPBCOREHepatitis B Core Ab, IgMSR/SST0.5HBCABHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBSABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antigen (HBsAg)SR/SST1.5HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntigenSR/SST1.5HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	HAABIGM	Hepatitis A Ab, IgM	S	R/SST	0.5	
HBCABHepatitis B Core Ab, Total (HBcAb)SR/SST0.5HBSABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antigen (HBsAg)SR/SST1.5HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntigenSR/SST1.5HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	HAABIGG	Hepatitis A Ab, Total	S	R/SST	0.5	
HBSABHepatitis B Surface Antibody (HBsAb)SR/SST0.5HBSAGHepatitis B surface Antigen (HBsAg)SR/SST1.5HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntigenSR/SST1HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	HEPBCORE	Hepatitis B Core Ab, IgM	S	R/SST	0.5	
HBSAGHepatitis B surface Antigen (HBsAg)SR/SST1.5HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntigenSR/SST1HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	HBCAB	Hepatitis B Core Ab, Total (HBcAb)	S	R/SST	0.5	
HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntigenSR/SST1HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	HBSAB	Hepatitis B Surface Antibody (HBsAb)	S	R/SST	0.5	
HEPBE ABHepatitis Be AntibodySR/SST0.5HBEAGHepatitis Be AntigenSR/SST1HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1	HBSAG	Hepatitis B surface Antigen (HBsAg)	S	R/SST	1.5	
HBEAGHepatitis Be AntigenSR/SST1HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1						
HEPCABHepatitis C AntibodySR/SST1HBRIBAHepatitis C confirmationSR/SST1						
HBRIBA Hepatitis C confirmation S R/SST 1		, i i i i i i i i i i i i i i i i i i i				
					1	
	HCVGENO	Hepatitis C Genotyping, Non Reflex	S	SST	2.5	

HCRNAPCR	Hepatitis C Real-Time PCR, Quant	S	L	3	
HEPDELTA	Hepatitis D Total	S	R/SST	1	
ACHEPPAN	Hepatitis Panel(4), Acute	S	R/SST	3	Hep A IgM, HBsAG, HB core IGM, HCV
HBVDNA	Hepatits B Real-Time PCR, QUANT	S	R/SST	2	
HER2	HER-2/neu Quantitative	S	R/SST	0.5	
HEMOCHRO	Hereditary Hemochromatosis, DNA analysis	WB	L	3	
HSV1/2	Herpes Simplex 1/2, IgM	S	R/SST	0.5	
HSVPCR	Herpes Virus PCR	S	R/SST	0.5	
HHV6 IGG	HHV6 Antibody, IgG	S	R/SST	0.5	
HHV6 IGM	HHV6 Antibody, IgM	S	R/SST	1	
HISTAMIN	Histamine, Plasma	Р	L	1	
H CAPSUL	Histoplam capsulatum Ab	S	R/SST	1	
ABHISTOP	Histoplasma Antibodies	S	R/SST	1	
HIV1PHEN	HIV - 1 PhenoSense Integrase ®	Р	L	1.5	
HIV2	HIV 2	S	R/SST	1	
HIVLOAD	HIV-1 VIRAL LOAD	Р	2L	3	
HLA B	HLA B Disease Association	WB	L	7	
HLA B1	HLA B*1502 Typing	WB	L	7	
HLAB27	HLA B27 Disease Association	WB	L	3	
HLA B5	HLA B5701 Test	WB	L	3	
HLADRDQ	HLA DR/DQ Typing	WB	L	3	
HLA-A	HLA Panel (AB Transplant)	WB	L	3	
HOMOCYST	Homocysteine, Plasma	Р	L	1	
HVA_RAND	Homovanillic Acid, Random Urine (HVA)	U	SC	4	
HSV12IGG	HSV 1&2 Type Specific IgG	S	R/SST	1	
HSV1&2,G	HSV 1/2, IgG Evaluation	S	R/SST	1	
CULTHERP	HSV CULTURE WITHOUT TYPING	Swab	VTM	**	
HSV2	HSV TYPE 2-SPECIFIC AB, IGG	S	R/SST	0.5	
HSVWBLOT	HSV Type-Specific Immunoblot	S	R/SST	1	
ABHTLV1	HTLV-I/II Antibodies, Qual.	S	R/SST	1.5	
TSH HAMA	Human Anti-mouse Antibodies	S	R/SST	0.5	
HE4	Human Epididymis Protein 4	S	R/SST	0.5	
HHV6	Human Herpes Virus 6 DNA PCR	Р	L	2	
PNEMONIT	Hypersensitive Pneumonitis	S	R/SST	1	
IA 2 AB	IA-2 Autoantibodies	S	R/SST	0.5	

IBD	IBD - 7 Serology	prometh			See Prometheus order form for instructions
ICTOTEST	Ictotest - Urine Bilirubin confirmation	U	SC	1	
IGAFIBRO	IgA Firbronectin Aggregates	S	R/SST	0.5	
IGE FISH	IgE Fish (7types)	S	R/SST	2	codfish, halibut, perch, tuna, salmon, mackerel, trout
IGE MOLD	IgE Mold (13 types)	S	R/SST	2	
IGE NUTS	IgE Nuts (5 types)	S	R/SST	2	peanut, oat, brazil nut, almond, coconut
IGE RICE	IgE Rice	S	R/SST	1	
SOMATO	IGF-1 (Insulin-Like Growth Factor)	S	R/SST	0.5	
IGFBP3	IGF-BP3	S	R/SST	0.5	
IGGSUB	IgG, Subclasses (1-4)	S	R/SST	1	
IMIPRAM	Imipramine (Tofranil), Serum	S	R	0.5	
C1Q	Immune Complexe, C1q Binding	S	R/SST	0.5	
FIRSTSCR	IMMUNOASSAY QUANT N	S	R/SST	3	Fill out Genzyme requisition
IGA	Immunoglobulin A, Total	S	R/SST	1	
IGD	Immunoglobulin D, Total	S	R/SST	0.5	
IGE	Immunoglobulin E, Total	S	R/SST	0.5	
IGGAM	Immunoglobulin G	S	R/SST	0.5	
IGM	Immunoglobulin M, Total	S	R/SST	0.5	
MONO	Infectious Mono, Mono Spot	S	R/SST	1	
FLU SCR	Influenza A & B Antigens	NP	S	**	MICRO
INHIBINA	Inhibin A, Ultrasensitive	S	R/SST	0.5	
INHIBINB	Inhibin B	S	R/SST	0.5	
INSULIN	Insulin	S	R/SST	0.5	
ABINSULI	Insulin Antibodies	S	R/SST	0.5	
INTEGRAT	Integrated Screen - Genzyme	S	R/SST	3	Fill out Genzyme requisition
IL28B	Interleukin 28B Polymorphism	WB	L	3	
PTHINTRA	Intraoperative PTH	Р	GR(Li)	1	
ABINTRIN	Intrinsic Factor Antibody, Serum	S	R/SST	1	
24IODINE	Iodine, 24 hour Urine	U	U24	5	24 hour Urine Collection
IODINE	lodine, serum or plasma	S	R	0.5	
FE	Iron	S	SST	2	
IRON PNL	Iron Panel (Iron, Transferrin, % Saturation)	S	SST	2	
JAK2	JAK2 V617F Mutation Detection	WB	L	3	Use Tricore Hematopathology requisition
LATEXIGE	K082-IgE Latex	S	R/SST	1	
KETOCON	Ketoconazole, Serum	S	R	0.5	
KETONE	Ketone, Whole Blood	WB	GR	0.5	
ACETEST	Ketones	WB	Heparin	2	

KETOSTER	KETOSTER 17 TOTAL UA	U	24U	20	
STONRISK	Kidney Stone, Urine/Saturation (Risk)	U	U24	200	2 - 100ML ALIQUOTS
КВ	Kleihauer-Bethke Stain	WB	L	2	
KOHPREP	KOH Prep	**	**	**	MICRO
LACOSAMI	Lacosamide	S	R	0.5	
LDH	Lactate Dehyrodgenase	S	SST	1	
LACT	Lactic Acid	Р	GY	2	Place on ice, transport to lab immediately
LACTOFER	Lactoferrin, Fecal	Stool	SC	1gram	
LAMICTAL	Lamotrigine (Lamictal), Serum	S	R	0.5	
LDHISOS	LD Isoenzymes	S	R/SST	1	
BFLDH	LDH, Body Fluid	F	R	2	Specify Fluid type on request.
DIRLDL	LDL Cholesterol (Direct)	S	R/SST	0.5	Fasting Specimen preferred.
LEAD	Lead, Blood (Adult)	WB	RB	1	
PEDILEAD	LEAD, Pediatric	WB	L	1	
LEGIONM	Legionella pneumophila 1, IgM	S	R/SST	0.5	
LEGIONUA	Legionella pneumophila 1, Urine Antigen	U	SC	5	
LEGIONG	Legionella pneumophila Abs.	S	R/SST	0.5	
LEPTIN	Leptin, Serum	S	R/SST	0.5	
ABLEPTO	Leptospira IgM	S	R/SST	0.5	
LEUKALKP	Leukocyte Alkaline Phos	WB	GR	6 SLIDES	Sodium Heparin
KEPPRA	Levetiracetam (Keppra ®), Serum	S	R	0.5	
LEVADOPA	Levodopa (L-DOPA)	S	R	1	
LIDO	Lidocaine (Xylocaine), Serum	S	R	0.5	
LIPASE	Lipase	S	SST	2	
LIPID	Lipid Panel	S	SST	2	Fasting Specimen preferred.
LIPOA	Lipoprotein (a)	S	R/SST	0.5	
LP-PLA2	Lipoprotien associated Phospholipase A2	S	R/SST	0.5	
LP-PLAC2	Lipoprotien associated Phospholipase A2	S	R/SST	0.5	
LITHIUM	Lithium	S	SST	2	Do not collect in Lithium Heparin tube
AB LKM	Liver-Kidney Microsomal Ab	S	R/SST	0.5	
LORAZEP	LORAZEPAM, SERUM/PLASMA	S	R	0.5	
SLE	Lupus (SLE) Panel	S	R/SST	4	
LUPINHIB	Lupus like Inhibitor	Р	2LB	2	
LH	Luteinizing Hormone (LH), Serum	S	R/SST	0.5	
LYMEPCR	Lyme (B. burgdorferi) PCR	WB	L	0.5	WB, CSF, or synovial fluid
ABLYME	Lyme Ab / Western Blot Reflex	S	R/SST	1	Reflex on Positive, Borrelia Ab.
LYMEIGGM	Lyme, Western Blot IgG and IgM	S	R/SST	0.5	
LYMPHPNL	Lymphocyte Stimulation Panel	WB	GR	8	Must arrive at testing lab w/in 24hrs

LYSOZYME	Lysozyme, Serum	S	R/SST	0.5	
HELMINTH	M008-IgE Helminthosporium Halo	S	R/SST	1	
T RUBRUM	M205-IgE Tricophyton Rubrum	S	R/SST	1	
ABASPERG	M207-IgE Aspergillus niger	S	R/SST	1	
MACROPRO	Macroprolactin	S	R/SST	0.5	
U24MAG	Magnesium, 24 hour Urine	U	U24	10	24 hour Urine Collection
MAG RBC	Magnesium, RBC	WB	L	0.5	See collection requirements
MG	Magnesium, Serum	S	SST	2	
URMG	Magnesium, Urine	U	SC	5	
MALARSMR	Malarial Smear	WB	L	2	
MANGANES	Manganese, Blood	WB	RB	2	
MANNOSE	Mannan Binding Lectin (MBL)	S	R/SST	1	
MAPLE DZ	Maple Syrup Disease	WB	AC	20	Fill out Genzyme requisition
MSAFP	Maternal Serum AFP	S	R/SST	1	Fill out Genzyme requisition
MMRIMMUN	Measles/Mumps/Rubella Immunity Profile	S	R/SST	1	
MSH	Melanocyte-Stimulating Hormone	Р	L	0.5	Plasma with Trasylol®
MELANOMA	Melanoma Monitor Profile	S	R/SST	2	
MERCURY	Mercury, Blood	WB	RB	1	
MERC UA	Mercury, Urine	U	SC	5	Random or 24 hour Urine
Q_META24	Metanephrines, 24 hour urine to Quest	U	U24	20	
METANEPH	Metanephrines, Fractionated, Plasma Free	Р	L	1.5	Draw in chilled EDTA tube
META24HR	Metanephrines, Fractionated, Quant, 24hr UR	U	U24	25	24 hour Urine Collection
METHOTRE	Methotrexate (MTX), Serum	S	R	0.5	
MRMD	Methylenetetrahydrofolate Reduc. (MTHFR)	WB	L	1	
MMA	Methylmalonic Acid, Serum (MMA)	S	R/SST	1	
MVA ACID	Mevalonate Acid (Mevolonic)	U	SC	5	
24HRMALB	Microalbumin, 24 hour Urine	U	U24	10	24 hour Urine Collection
MICROALB	Microalbumin, Random Urine	U	SC	3	
24MICALB	Microalbumin/Creat, 24 hour Urine	U	U24	10	24 hour Urine Collection
FISH_T	Microdeletion FISH	WB	GR	5	
FISH_Q	Microdeletion FISH	WB	GR(Na)	3	Specify specific test
UAMICRO	Microscopic Analysis, Urine	U	SC	6	
MISC	Miscellaneous Test - Not in HMS				Specify test in comments
AB MITO	Mitochondrial (M2) Antibody	S	R/SST	0.5	
MMP-9	MMP9 Matrix Metalloproteinase 9	S	R/SST	0.5	
MRSA	MRSA Screen	Swab	***	**	
MSSCR	MS Profile	CSF & S	CSF & R	3&2	
MTHFR	MTHFR	WB	L	3	
L	I		1		

ABMUMPSMumps Ab IgGSR/SST0.5AB TYPHUMurine typhus Antibodies, IgGSR/SST0.5MUSKMuscle Specific ReceptorSR3MYASTHABMyastenia Gravis Ab PanelSR/SST1M GRAVISMyastenia Gravis panel 3SR/SST2MYCOPHENMycophenolic Acid and MetaboliteSR0.5ABMYCOPLMycophasma Pneumoniae Ab IgMSR/SST0.5MPNEUMOMycoplasma pneumoniae Abs IgM and IgGSR/SST0.5MYGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDSOURCENeedle Stick - EmployeeSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.51	
MUSKMuscle Specific ReceptorSR3MYASTHABMyastenia Gravis Ab PanelSR/SST1M GRAVISMyastenia Gravis panel 3SR/SST2MYCOPHENMycophenolic Acid and MetaboliteSR0.5ABMYCOPLMycoplasma Pneumoniae Ab IgMSR/SST0.5M PNEUMOMycoplasma pneumoniae Abs IgM and IgGSR/SST0.5MYELBSCPMyelin Basic Protein, CSFCSFSC0.5MYOGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.5	
MYASTHABMyastenia Gravis Ab PanelSR/SST1M GRAVISMyastenia Gravis panel 3SR/SST2MYCOPHENMycophenolic Acid and MetaboliteSR0.5ABMYCOPLMycoplasma Pneumoniae Ab IgMSR/SST0.5M PNEUMOMycoplasma pneumoniae Abs IgM and IgGSR/SST0.5MYELBSCPMyelin Basic Protein, CSFCSFSC0.5MYOGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeuromyelitis Optica IgG AB (NMO)SR/SST0.5	
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MYCOPHENMycophenolic Acid and MetaboliteSR0.5ABMYCOPLMycoplasma Pneumoniae Ab IgMSR/SST0.5M PNEUMOMycoplasma pneumoniae Abs IgM and IgGSR/SST0.5MYELBSCPMyelin Basic Protein, CSFCSFSC0.5MYOGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.5	
ABMYCOPLMycoplasma Pneumoniae Ab IgMSR/SST0.5M PNEUMOMycoplasma pneumoniae Abs IgM and IgGSR/SST0.5MYELBSCPMyelin Basic Protein, CSFCSFSC0.5MYOGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.5	
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M PNEUMOMycoplasma pneumoniae Abs IgM and IgGSR/SST0.5MYELBSCPMyelin Basic Protein, CSFCSFSC0.5MYOGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.50.5	
MYELBSCPMyelin Basic Protein, CSFCSFSC0.5MYOGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.50.5	
MYOGLOBMyoglobin Quant - SerumSR/SST0.5MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.50.5	
MYOGLOBIMyoglobin Quant - UrineUSC2NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.50.5	
NK CELLSNatural Killer Cell Surface AgWBACFillNDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.5	
NDEMPLOYNeedle Stick - EmployeeSR/SST1Contact lab for instructionsNDSOURCENeedle Stick - SourceSR/SST1Contact lab for instructionsAB NMONeuromyelitis Optica IgG AB (NMO)SR/SST0.5	
NDSOURCE Needle Stick - Source S R/SST 1 Contact lab for instructions AB NMO Neuromyelitis Optica IgG AB (NMO) S R/SST 0.5	
NSE Neuron-specific Enolase, Serum S R/SST 0.5	
ABNEUTRO Neutrophil Antibodies S R/SST 1	
NICOTINE Nicotine and Metabolite, Quant P L 0.5	
URINENIC Nicotine Metabolite Screen, Urine U SC 2	
NIEMANN Niemann Pick Type A panel WB AC Fill Fill out Genzyme requisitio	n
NMR LIPO NMR Lipo Profile S R 1	
NORTRIPT Norttriptyline (Aventyl®), Serum S R 0.5	
URTELOPE N-telopeptide, random urine U SC 2	
OCCBLOOD Occult Blood Stool SC 1	
OLIGOBND Oligoclonal Banding S & CSF R & CSF 0.5 & 0.5	
FLT3NPM1 Oligoclonal Bands CSF & S CSF & R 0.7 & 1	
UOPIATES Opiates Screen, Qual U SC 1	
OPIATES Opiates, GC/MS Quantitative U SC 45	
ORGACID Organic Acid Analysis, Urine U SC 3	
OSMOLBLD Osmolality S R 0.5	
UROSMOL Osmolality, Urine random or 24hr U SC 1 OSMOTIC Osmotic Fragility Erythrocyte (RBC) WB GR 1 Slides	
OSMOTIC Osmotic Fragility Erythrocyte (RBC) WB GR 1 Slides OSTEOCAL Osteocalcin, serum S R/SST 0.5 Slides Slides	
OSTEOCAL Osteocalcin, serum S R/SST 0.5 OVAPARAS OVA + PARASITE EXAM Stool O&P 5 grams	
OVAPARAS OVAPARAS OVAPARAS OVAPARAS OVAPARAS OVAPARAS OVAPARAS OVAPARAS Stool OVAPARAS Stool O&P Stool O&P Strams	
OVAI OVAI Stool Ovai Stains OXALATE Oxalate(Oxalic Acid) 24 HR URINE U U24 5 24 hour Urine Collection	

TRILEPTA	Oxcarbazepine (Trileptal ®), Serum	S	R	0.5	
AB ISLET	Pancreatic Islet Cell Antibody Screen	S	R/SST	1	
HIV1	Panel 083824 (HIV 1)	S	R/SST	1	
PAPSLIDE	PAP smear - slide	TP	**	**	
PAPSMR	PAP-THIN PREP DIAG	TP	**	**	
PARANEO	Paraneoplastic syndrome	Special			Contact lab for instructions
TICK ID	Parasite ID, Arthropod	**	FOR	**	See collection requirements
ABPARVO	Parvovirus Antibody B19, IgM	S	R/SST	0.5	
AB B19	Parvovirus B19, IgG and IgM	S	R/SST	0.5	
SMEARREV	Pathologist Smear Review	WB	L	2	
PATRRZCO	Pathology Consult	Special		2	
UPCP	PCP Screen, Qual	U	SC	1	
PH STOOL	PH Feces(Stool)	Stool	SC	1grm	
PHBLOOD	PH Venous Blood	WB	GR	2	
BFPH	pH, Body Fluid	F	Нер	1	
PHENOBAR	Phenobarbital	S	SST	2	
PHENYFRE	Phenytoin, Free, Serum	S	R	1.5	
BCRABL	Philadelphia Chromosome	WB	GR(Na)	1	Use Tricore Hematopathology requisition
24URPHOS	Phosphorous, 24 Hour Urine	U	U24	5	24 hour Urine Collection
PHOS	Phosphorus	S	SST	2	
URPHOS	Phosphorus, random Urine	U	SC	2	
PINWORM	Pinworm Prep	**	**	**	MICRO
PKU	PKU BLOOD	PKU			Fill circles completely
PLASMIN	Plasminogen Activity	Р	LB	1	
ABPLT	Platelet Antibody	WB	2 L	5	
ABPLTPRO	Platelet Antibody Profile, Serum	S	R/SST	0.5	
PLATELET	Platelet Count	WB	L	2	
PFA	Platelet Function Assay	WB	2LB	2 LB	Must be tested within 4hrs of collection
PLT1	Platelet Pheresis (6 pack)	WB	L	6	
STREP14	Pneumococcal Immunity 14 type	S	R/SST	0.5	
PNEUCYST	Pneumocystis	**	SC	**	See collection requirements
PCARINII	Pneumocystis Carinii	***	SC	**	MICRO
AB POLIO	Poliovirus Immune Status	S	R/SST	2	
PORPHOBI	Porphobilinogen, Quant	U	U24	3	Protect from Light
PORPHYRI	Porphyrins, Quant, Random Urine	U	SC	1.5	Protect from Light
PORPHYQL	Porphyrins, Urine Qual	U	U24	2	Protect from Light
		_	00	**	
SEMENPV ABPTX	Post Vasectomy Semen Analysis	F	SC R	• •	See collection requirements

Κ	Potassium	S	SST	2	
UR24K	Potassium, 24hour Urine	U	U24	5	24 hour Urine Collection
URK	Potassium, random Urine	U	SC	2	
PREALB	Prealbumin	S	R/SST	1	
PHOSPABY	Pregnancy related Phospholipid Antibody	S	R	1	
PREGNENO	Pregnenolone	S	R	1.5	
	Prenatal Package	_	3SST &		
PRENATAL	5	S & WB	2L	**	Contact lab for instructions
PRIMIDON	Primidone (Mysoline®), Serum	S	R	0.5	
PROCAIN	Procainamide (Pronestyl®), Serum	S	R	0.5	
PROGEST	Progesterone	S	R/SST	0.5	
PROLACT	Prolactin	S	R/SST	0.5	
PRCELIAC	Prometheus Celiac Disease Panel	prometh			See Prometheus order form for instructions
CROHNIBD	Prometheus Crohns with ibd7	prometh			See Prometheus order form for instructions
IBS	Prometheus Kit 4	prometh			See Prometheus order form for instructions
PROPREDI	Prometheus Pro-predict screen	prometh			See Prometheus order form for instructions
PCA3	Prostate Cancer Antigen 3	U	A	2	
PROACPHO	Prostatic Acid Phosphatase, Serum	S	R/SST	0.5	
PROTEC	Protein C Antigen	Р	LB	1	Fill tube to Capacity
PROTCACT	Protein C-Function	Р	LB	1	Fill tube to Capacity
IMMFIXEL	Protein Elec. and Immunofixation, Serum	S	R/SST	2	
IMMFIXUR	Protein Elec. and Immunofixation, Urine 24	U	U24	10	24 hour Urine Collection
	Protein Electrophoresis & Immunofixation,				
PRTELECU	Random Urine	U	SC	10	
PROELECT	Protein Electrophoresis, Serum	S	R/SST	1	
PROTES	Protein S, Total	Р	LB	1	Fill tube to Capacity
PROTSACT	Protein S-Functional	Р	LB	1	Fill tube to Capacity
URTP24	Protein, 24hr Urine	U	U24	5	24 hour Urine Collection
BFTP	Protein, Body Fluid	F	R	2	
URTPR	Protein, Random Urine	U	SC	2	
TP	Protein, Serum	S	SST	2	
PT	Protime / INR	Р	LB	1	Fill tube to Capacity
ZPP	PROTOPORPHYRIN, FEP/ZPP	WB	RB	1	
PSAFREE	PSA free and total	S	R/SST	1	
PSA MEDI	PSA SCREEN	S	SST	2	
PSA	PSA, total	S	SST	2	
PSAULTRA	PSA, Ultrasensitive	S	R/SST	1	
PROTIME	PT / INR	Р	LB	Fill	Fill tube to Capacity

PTMIXING	PT Mixing Study	Р	2LB	4	
PTH-RP	PTH - Related Peptide	Р	L	0.5	Plasma with Trasylol®
PTH FNA	PTH Fine Needle Aspirate	Special			
PTH	PTH, Intact and Calcium	S & P	R/SST & L	1&1	
PTTMIXNG	PTT Mixing Study	Р	2LB	4	
VONWILLI	PTT+F VIII+VWFACT+VWF AG	Р	LD	3	
PYRUVATE	Pyruvic Acid, Blood	***	GY	0.5	Contact Lab for instructions
ABQFEVER	Q Fever IgG Antibody	S	R/SST	0.5	Coxiella burnetii
QUINI	Quinidine, Serum	S	R	0.5	
ABRABIES	RABIES ANTIBODY TEST	S	R/SST	1	
RBC1	Red Blood Cell Unit	WB	L	6	
CLINTST	Reducing Substances	U	SC	1	
RFP	Renal Function Panel	S	SST	2	
RENIN	Renin Activity, Plasma	Р	L	1	
AB RETIC	Reticulin IgA Antibodies	S	R/SST	0.5	
RETIC	Reticulocyte Count	WB	L	6	
T3 REV	Reverse T3	S	R/SST	0.5	
RHTYPE	Rh Type only	WB	L	6	
RA	Rheumatoid Arthritis Factor	S	R/SST	0.5	
RHIGD	Rhogam Dose	WB	L	6	
RHIG	Rhogam Work-Up	WB	L	6	
Q FEVER	Rickettsial Fever Abs	S	R/SST	2	RMSF & Q Fever Abs
AB RNP	RNP Antibodies	S	R/SST	1	
AB RMSF	Rocky Mountain Spotted Fever, IgG	S	R/SST	0.5	
RMSF IGM	Rocky Mountain Spotted Fever, IgM	S	R/SST	0.5	
ROTAVIR	Rotavirus Antigen	Stool	SC	1 gram	
RPR	RPR (Rapid Plama Reagin) Syphilis Serology	S	R/SST	1	
RSV	RSV	NP	S	**	MICRO
RUBELLA	Rubella Antibody, IgG	S	R/SST	0.5	
ABRUBEOL	Rubeola Antibodies, IgG	S	R/SST	0.5	
S100B	S100B Tumor Marker	S	R/SST	1	
ASCA	Saccharomyces cerevisiae IgG, IgA	S	R/SST	0.5	
SALICYLA	Salicylate	S	SST	2	
SCHISIGG	Schistosoma Antibody IgG	S	R/SST	0.5	
SCLERO	Scleroderma Diagnostic Panel	S	R/SST	1	ANA & ScI-70
SELENIUM	Selenium, Plasma	Р	RB	1	
POSTVAS	Semen Analysis, Post Vasectomy	F	SC	**	

SEROTONI	Serotonin, serum	S	R	1.5	
SEXHRBG	Sex Hormone Binding Globulin (SHBG)	S	R/SST	0.5	
SHIPPING	Shipping Fee	Special		0.5	
SIALIC	Sialic Acid - Lipid Associated	S	R/SST	0.5	
AB SRP	Signal Recognition Particle	S	R/SST	0.5	
RAPAMYCI	Sirolimus (Rapamycin ®), Blood	WB	L	3	
ABSSA	Sjogren's Anti - SS-A	S	R/SST	1	
ABSSB	Sjogren's Anti - SS-B	S	R/SST	1	
ABSM	SM and SM/RNP Ab	S	R/SST	0.5	Smith Antibodies
NA	Sodium	S	SST	2	
UR24NA	Sodium, 24hour Urine	U	U24	5	24 hour Urine Collection
URNA	Sodium, Urine	U	SC	2	
AB SLA	Soluble Liver Ag (IgG Ab)	S	R/SST	0.5	
SOLTRANS	Soluble Transferrin Receptor	S	R	0.5	
CSFANAL	Spinal Fluid Analysis	CSF	CSF	**	Includes Glu, TP, Cell Count w/diff
CULTCSF	Spinal Fluid Culture	CSF	CSF	**	MICRO
SMA	Spinal Muscular Atrophy	**	**	**	Fill out Genzyme requisition
CULTYERS	Stool Culture, Yersinia ONLY	Stool	SC	1	
STREPAGN	Streptococcus Pneumoniae Antigen	U	SC	5	
AB STRIA	Striated Muscle Antibody	S	R/SST	0.5	
SULFATE	Sulfate, Quant, 24hr Urine	U	U24	3	
ABFTA	T. palliium Confirmation	S	R/SST	0.5	(Syphillis Confirmation)
HAZELNUT	T004-IgE Hazelnut Tree	S	R/SST	1	
ELM	T008-IgE Elm, American (White)	S	R/SST	1	
JUNIPER	T047-IgE Juniper	S	R/SST	1	
T3TOTAL	T3 Total	S	SST	2	
T3UPTAKE	T3 Uptake	S	R/SST	0.5	
IMMCOMPL	TA90 Immune Complex	S	R/SST	0.5	
TACROLIM	Tacrolimus (FK506), Blood	WB	L	1	
TB GOLD	TB gold (QuantiFERON)	***	**	**	Contact Lab for instructions
TEST	Test Procedure	Special			
TESTOBIO	Testosterone, Free + Weakly Bound	S	R/SST	1	
FREETEST	Testosterone, Free and Total	S	R/SST	1	
TESTFREU	Testosterone, Free Ultrafiltration	S	R/SST	1	
TESTOST	Testosterone, Serum	S	R/SST	0.5	
ABTETNUS	Tetanus Antitoxoid IgG Antibody	S	R/SST	0.5	
ABANTITX	Tetanus/Diphtheria Ab.	S	R/SST	0.5	

THEOPHYL	Theophylline	S	R	0.5	
THERPHLE	Therapeautic Phlebotomy	WB	CPDA		Contact Lab for instructions
TPGCCHLA	Thin Prep GC/Chlamydia screen	Path			
PAPMANMD	Thin Prep with MD screening	TP	**	**	
TPMT	Thiopurine Methytransferase	WB	L	5	Collect Mon - Thurs only.
THROMBIN	Thrombin Time	Р	LB	1	
THROMPNL	Thrombotic Marker Panel	Р	LB	4	2 - 2mL aliquots
THROMBOX	Thromboxane TXB2 (Asprinworks ™)	U	SC	10	Contact Lab for instructions
THYROGLO	Thyroglobulin Panel, Comprehensive	S	R/SST	2	Anti-Thyroglobulin & total Thyroglobulin
THRYOGLB	Thyroglobulin, Quantitative	S	R/SST	0.5	
ABTHYRD	Thyroid Antibodies	S	R/SST	1	Anti-TPO & Antithyroglobulin Abs
FTI	Thyroid Panel (T7) TT4+F3UP+FTI	S	R/SST	0.5	
AB TPO	Thyroid Peroxidase (TPO) Antibody	S	R/SST	0.5	
TSH	Thyroid Stimulating Hormone	S	SST	2	
AB TSI	Thyroid-stimulating Immunoglobulin	S	R/SST	0.5	
	Thyrotropin Binding Inhibitory Immunoglobulin				
TBII	(TBII)	S	R/SST	0.5	
TBG	Thyroxine Binding Globulin	S	R/SST	0.5	
TOBRA	Tobramycin, Random	S	R	0.5	
TOPIRAM	Topiramate (Topamax ®), Serum	S	R	0.5	
CD4	Total CD4 Count	WB	L & AC	Full	
T4TOTAL	Total T4	S	SST	2	
OBTOTLT4	Total T4 - Pregnant Patient	S	R/SST	1	
TOXOIGM	Toxoplasma Abs, IgG & IgM	S	R/SST	2	
TOXOIGG	Toxoplasma gondii Ab, IgG	S	R/SST	0.5	
TRFN	Transferrin	S	SST	2	
TRNRXNB	Transfusion Reaction Basic Workup	WB	L	6	
TRNRXNEX	Transfusion reaction Extended Workup	WB	L	6	
TREPOSCR	Treponema palladium Screen	S	R/SST	1	
UTCA	Tricyclics Screen, Qual	U	SC	1	
TRIG	Triglycerides	S	SST	2	
BFTRIG	Triglycerides, Body Fluid	 F	R	1	
T3FREE	Triiodothyronine, Free (Free T3)	S	R/SST	0.5	
WHIPPLES	Tropheryma Whipplei (Whipples)	WB/CSF	L	0.5	Quest code: 11352X
TROPONIN	Troponin I	S	GR	2	
ABTCRUZI	Trypanosoma Cruzii antibody, IgG	S	R/SST	0.5	

TRYPTASE	Tryptase	S	R/SST	0.5	
AB TRANA	t-Transglutaminase (tTG) IgA	S	R/SST	0.5	Tissue Transglutaminase, IgA
AB TRANS	t-Transglutaminase (tTg) IgG	S	R/SST	0.5	Tissue Transglutaminase, IgG
TNF	Tumor Necrosis Factor-Alpha	S	R/SST	0.5	
TYPSCR	Type and Screen	WB	L	6	
TYROSINE	Tyrosine, Qnt, 24 hour Urine	U	24U	3	
TZANCK	Tzanck Smear	**	SL	**	Contact lab for instructions
UGT 1A1	UGT 1A1 Irinotecan Toxicity	WB	L	3	
UMBDRUGS	Umbilical Cord Blood Drug Screen	Cord		**	Contact Lab for Kit
CULTRESP	Upper Respitatory Culture	Swab	SC	**	
UBT	Urea Breath Test	***	**	**	Contact Lab for instructions, Adults only
URUREANI	Urea Nitrogen, 24hr Urine	U	U24	10	24 hour Urine Collection
URIC	Uric Acid	S	SST	2	
URIC 24	Uric Acid, 24hr Urine	U	U24	5	24 hour Urine Collection
BFURIC	Uric Acid, Body Fluid	F	R	1	
URICUR	URIC ACID, URINE	U	SC	2	
UA	Urinalysis	U	SC	6	
UAMIC	Urinalysis with Microscopic	U	SC	6	
UACADMIU	Urine Cadmium, Random or 24hr	U	SC	5	
UACOPPER	Urine Copper, Random or 24hr	U	SC	5	
DRUGSSED	Urine Drug Screen - Child	U			Chain of Custody kit
UA EOSIN	Urine Eosinophil	U	SC	2	
VALPROIC	Valproic Acid	S	SST	2	
VALACID	Valproic Acid Free	S	R	1.5	
VANCMRSA	Vancomycin Trough for MRSA	S	SST	2	
VANCO PK	Vancomycin, Peak	S	SST	2	Peak: draw 30 - 60min post dose
VANCO	Vancomycin, Random	S	SST	2	
VANCO TR	Vancomycin, Trough	S	SST	2	Trough: draw just prior to next dose.
VMA	Vanillylmandelic Acid (VMA), 24hr Urine	U	U24	30	24 hour Urine Collection
VMA_RAND	Vanillylmandelic Acid (VMA), Random Urine	U	SC	2	
VAP	VAP Cholesterol Profile	S	SST	1	
ABVZV	Varicella Zoster Abs, IgG and IgM	S	R/SST	1	
VASOPRES	Vasopressin (Antidiuretic Hormne Profile)	S & P	R&L	1&2	
ISTATVBG	VBG performed on ISTAT	WB	GR	0.5	
VDRL CSF	VDRL, Cerebral Spinal Fluid	CSF	CSF	0.5	
VEGF	VEGF, Plasma	Р	L	0.5	
VENI	VENIPUNCTURE	NA	NA	**	
VIP	VIP, Plasma	P**	L	0.5	

VBFCULT	Viral Culture, Body Fluid	F	VTM	1	
CULTVIID	Viral Culture, General	**	VTM	**	See collection requirement
CULTVIRA	Viral Culture, Rapid Respiratory	NP	VTM	**	Adeno, FLU A&B, RSV, Paraflu 1,2,&3
HSVOTHER	Viral Culture, Rapid, Lesion (HSV & VZV)	**	VTM	**	See collection requirement
VISCOS	Viscosity	S	R/SST	0.5	
VITAMINA	Vitamin A (Retinol), Serum	S	R/SST	1.5	Protect from Light
VITAB1	Vitamin B1 (Thiamine), Blood	WB	L	1	Protect from Light
VITB1PLA	Vitamin B1 (Thiamine), Plasma	Р	L	1.5	Protect from Light
B12	Vitamin B12	S	SST	2	
B12UNSAT	Vitamin B12 Unsaturated Binding Capacity	S	R/SST	0.5	
VITB2	Vitamin B2 (Riboflavin), Whole Blood	WB	L	1	Protect from Light
VITAB6	Vitamin B6	Р	L	1.5	Protect from Light
VITAMINC	Vitamin C (Ascorbic Acid)	Р	GR	1	Protect from Light
VITAD125	Vitamin D, 1,25 dihydroxy (Calcitriol)	S	R/SST	2	
VITAD25	Vitamin D, 25-Hydroxy	S	R/SST	0.5	
VITAMINE	Vitamin E (Tocopherol), Serum	S	R/SST	1.5	Protect from Light
VITA K	Vitamin K1	Р	L	1	Protect from Light
VHL	Von Hippel-Lindau Disease	WB	L	2	
VWF	Von willibrand factor - multimers	Р	LB	2	
THISTLE	W011-IgE Thistle, Russian	S	R/SST	1	
MANWBC	WBC	WB	L	2	
WESTNILE	West Nile Virus Antibody, IgG and IgM	S	R/SST	0.5	
WNILECSF	West Nile Virus, RT-PCR	P/CSF/S		1	
WETMOUNT	Wet Mount	**	**	**	MICRO
WBC	White Blood Cell Count	WB	L	2	
XYLOSE	XYLOSE ABSORPTION TE	Р	GY	1	See collection requirements Pediatric 293829
ZAP 70	Zeta-Associated protein 70	WB	L	2	
ZINC	ZINC, PLASMA OR SERUM	Р	RB	1	
ZONEGRAN	Zonisamide (Zonegran)	S	R	1	

Laboratory Supplies	# Ordered	#Shipped
Light Dive Top 2.8 ml (Deals of 100)		
Light Blue Top, 2.8 ml (Pack of 100)		
Lavender top, 4ml (Pack of 100)		
Lavender top, 6ml (each)		
Royal Blue top (pack of 100)		
Red Top, 7ml (Pack of 100)		
Gold Top, SST, 10ml (Pack of 100)		
Tourniquets (Pack of 10)		
Glass slides, Frosted end (1 box)		
Transfer Pipettes (1 Box)		
Transfer tubes & caps (pack of 50)		
Vacutainer Needles, 21G x 1 (box of 100)		
Vacutainer Needles, 22 G x 1 (box of 100)		
Vacutainer Luer Adapters (box of 100)		
Needle holders ($1 \text{ box} - 100 / \text{ box}$)		
Blood Bank Bands (box)		
Gen Probes, Male (each)		
Gen Probes, Female (each)		
Thin Prep (Flat of 50)		
Test request forms (pack of 100)		
Cytology Requisitions (pack of 100)		
Pathology Requisitions (pack of 100)		
Specimen Bags, Plastic Biohazard (pack of 100)		
Cups, Sterile Urine (each)		
Collection Containers, 24 hour (each)		
Blood Culture Bottles (each)		
• Pediatric		
Aerobic		
Anaerobic		
Aerobic Plus		
Anaerobic Plus		
Formalin		
• 15 ml cups (box)		
 15 III cups (box) 30 ml cups (box) 		
• 30 mi cups (box) Culturettes - Bactiswabs		
Cunturentes - Bactiswabs		
Alashal grang (harr)		
Alcohol preps (box)		
Other:		

Requesting Physician / Department: _____ Order Date: _____

Ordered By: _____