




**Green with gel
Lithium Heparin**
Plasma Separator
4.5 mL

- Basic Metabolic Panel**
 - Complete Metabolic Panel**
 - Electrolyte Panel**
 - Hepatic Function Panel**
 - Lipid Panel**
 - Renal Function Panel**
- | | |
|----------------|---------------|
| Acetaminophen | LDH |
| Amikacin | Lipase |
| Amylase | Magnesium |
| Beta-HCG | Osmolality |
| CA 19-9 | Phenobarbital |
| Carbamazapine | Phosphorus |
| CRP/hsCRP | Prealbumin |
| CK Total | Prolactin |
| CK MB | PTH |
| Digoxin | Salicylate |
| Ethanol | Theophylline |
| Ferritin | Tobramycin |
| Folate | Transferrin |
| Free T4 | Troponin I |
| GGT | TSH |
| Gentamicin | Uric acid |
| Growth Hormone | Valproic acid |
| Insulin | Vancomycin |
| Iron Studies | Vitamin B12 |



**Yellow
Acid-Citrate-Dextrose**
8 mL

- HLA testing**
- Alpha-galactosidase
- Arylsulfatase A

This document serves as a guide only. Please visit our test catalog for more detailed collection requirements:
<https://www.testmenu.com/universityhospital>



**Gold or Red with gel
Clot activator**
Serum Separator
5 mL

- Acute Hepatitis Panel**
- Autoimmune Serology**
(ANA, anti-DNA, anti-cardiolipin, anti-CCP, anti-mitochondrial, anti-smooth muscle, and others)
- Infectious Serology**
(CMV, EBV, Hep A/B/C, HIV, HSV, Mumps, RPR, Rubella, Rubeola, Syphilis, Toxoplasma, Varicella, West Nile, and others)
- Megaloblastic Anemia Panel**
- Thyroid Function Tests (except Free T4 and TSH)**
- Alpha Feto Protein
- Apolipoproteins
- Beta-2-Microglobulin
- C3 & C4
- CA125
- CA2729
- CEA
- Ceruloplasmin
- Cortisol
- Estradiol
- FSH
- Haptoglobin
- HIV 1/2 Antigen/Antibody Screen
- Immunoglobulins
- Kappa:Lambda Free Light Chains
- LH
- Lithium
- PSA total & free
- Quad Screen
- Maternal Screen, AFP Only
- Rheumatoid Factor
- Serum Protein Electrophoresis
- Testosterone
- Thyroglobulin
- Thyroid antibodies
- Vitamin D, 25-hydroxy




**Purple/Pink
EDTA**
4 mL 6 mL

- Complete Blood Count**
- Immunosuppressive Drugs**
(Cyclosporin, Sirolimus, Tacrolimus)
- ACTH
- Blood Parasites (deliver in <1 hour)
- CD34 (peripheral blood only)
- ESR
- Hemoglobin A1c
- Hemoglobin electrophoresis
- Homocysteine
- Reticulocyte count
- Pink Only:**
- Ammonia
- BNP
- Blood Bank** (Cord blood, DAT, Type & Screen, Type & Crossmatch)
- HBV, HCV, HIV by PCR** (quantitative, genotype, phenotype)



**Red no gel
Clot activator**
6 mL

- Toxicology & Drug Levels:**
(Glycols, methotrexate, mixed alcohols, pentobarbital, etc.)
- Heparin-associated antibodies
- Phenytoin free and total
- Progesterone
- Testosterone free and total



**Gray
Oxalate with fluoride**
6 mL

- Glucose tolerance testing
- Paraldehyde



**Blue
Citrate**
2.7 mL

- Coagulation Testing**
- Antithrombin III activity
- APC resistance
- Chromogenic Xa
- D-dimer
- Fibrinogen
- Heparin level
- Lupus anticoagulant testing
- Partial thromboplastin time (PTT)
- Platelet aggregation
- Proteins C & S
- Prothrombin time (PT)
- Specific factor activity
- Specific factor inhibitor
- Thromboelastography (TEG)
- Thrombin Time
- Dilute Thrombin Time
- Von Willebrand factor



**Green no gel
Sodium Heparin**
6 mL

- Calcium, ionized, whole blood
- Carboxyhemoglobin
- Galactokinase
- Lactate, whole blood, venous & arterial
- Methemoglobin
- Flow Cytometry**
(CD3/CD4/CD8 count, leukemia & lymphoma immunophenotyping)
- CD3OKT3
- Cylex T- cell assay
- Lymphocyte Function, Neutrophil Function
- Quantitative Blood Cultures (Pour Plates)