



**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	Magnesium
Amikacin	Osmolality
Amylase	Phenobarbital
Beta-HCG	Phosphorus
BNP	Prealbumin
CA 19-9	Prolactin
Carbamazapine	PTH
CRP/hsCRP	Salicylate
CK Total	Theophylline
CK MB	Tobramycin
Ethanol	Transferrin
Ferritin	Troponin I
Folate	TSH
Free T4	Uric acid
GGT	Valproic acid
Gentamicin	Vancomycin
Growth Hormone	Vitamin B12
Iron Studies	
LDH	



**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:



**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)
 Alpha Feto Protein
 Apolipoproteins
 Beta-2-Microglobulin
 C3 & C4
 CA125
 CA2729
 CEA
 Ceruloplasmin
 Cortisol
 Digoxin
 Estradiol
 FSH
 Haptoglobin
 HIV 1/2 Antigen/Antibody Screen
 Immunoglobulins
 Insulin
 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

Purple EDTA
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 EDTA
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)
 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
OR
Lithium Heparin**
6 mL

Calcium, ionized, whole blood
 Carboxyhemoglobin
 Lactate, whole blood, venous & arterial
 Methemoglobin
 Ammonia- **LITH HEP ONLY**
 CD3/CD4/CD8 count
 Cylex T- cell assay (Immuknow)
 Leukemia & lymphoma immunophenotyping
 LPA/Elispot Testing
 Lymphocyte Function, Neutrophil Function
 NK Cell Function Assay
 Quantitative Blood Cultures (Pour Plates)