



Green with gel
Lithium Heparin

Plasma Separator

4.5 mL

Basic Metabolic Panel
Complete Metabolic Panel
Electrolyte Panel
Hepatic Function Panel
Iron Studies
Lipid Panel

Renal Function Panel

Acetaminophen	LDH
Amylase	Lipase
Beta-HCG	Osmolality
C3 & C4	Phenobarbital
CA 19-9	Prealbumin
Carbamazepine	Prolactin
CRP/hsCRP	PTH
CK Total	Rheumatoid factor
CK MB	Salicylate
Digoxin	Theophylline
Ethanol	Tobramycin
Folate	Troponin I
GGT	TSH
Gentamicin	Uric acid
Growth Hormone	Valproic acid
Haptoglobin	Vancomycin
Immunoglobulins	Vitamin B12
Insulin	



Red no gel
Clot activator

6 mL

Toxicology & Drug Levels

(Amikacin, glycols, lidocaine, lithium, methotrexate, mixed alcohols, pentobarbital, thiocyanate, tricyclics, etc.)
Heparin-associated antibodies
Phenytoin free and total
Progesterone
Testosterone free and total



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, H. pylori, Hep A/B/C, HIV, HSV, Mumps, RPR, Rubella, Rubeola, Syphilis, Toxoplasma, Varicella, West Nile, and others)

Megaloblastic Anemia Panel

Thyroid Function Tests (except TSH)

Alpha Feto Protein
Apolipoproteins
CA-125
CEA
Ceruloplasmin
Cortisol
Estradiol
FSH
Kappa:Lambda Free Light Chains
LH
PSA total & free
Quad Screen
Serum Protein Electrophoresis
Testosterone
Thyroglobulin
Thyroid antibodies
Vitamin D, 25-hydroxy



8 mL

Yellow
Acid-Citrate-Dextrose

HLA testing

Alpha-galactosidase
Arylsulfatase A



Purple/Pink
EDTA

4 mL

6 mL

Complete Blood Count
Immunosuppressive Drugs

(Cyclosporin, Sirolimus, Tacrolimus)
ACTH
CD34 (peripheral blood only)
ESR
Hemoglobin A1c
Hemoglobin electrophoresis
Homocysteine
Pyruvate
Reticulocyte count

Pink Only:

Ammonia
BNP

Blood Bank

(Cord blood, DAT, Type & Screen, Type & Crossmatch)

HBV, HCV, HIV by PCR

(quantitative, genotype, phenotype)



6 mL

Green no gel
Sodium Heparin

Flow Cytometry

(CD3/CD4/CD8 count, leukemia & lymphoma immunophenotyping)

CD3OKT3
Cyclex T- cell assay
Galactokinase
Lymphocyte Function
Neutrophil function
Quantiferon



Blue
Citrate

2.7 mL

Coagulation Testing

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



Gray
Oxalate with fluoride

6 mL

Glucose tolerance testing
Lactate (on ice)
Paraldehyde

This document serves as a guide only. Please visit our website for more detailed collection requirements. <http://www.uch.edu/for-healthcare-professional/Clinical-Laboratory/index.aspx>

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