



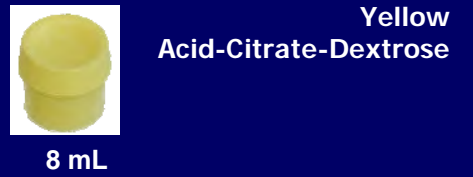
Green with gel
Lithium Heparin

Plasma Separator

7 mL

Basic Metabolic Panel
Complete Metabolic Panel
Electrolyte Panel
Hepatic Function Panel
Iron Studies
Lipid Panel
Renal Function Panel
Thyroid Function Tests

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



Yellow
Acid-Citrate-Dextrose

8 mL

HLA testing
 Alpha-galactosidase
 Arylsulfatase A



Gold or Red with gel
Clot activator

Serum Separator

7 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
 Alpha Feto Protein
 Apolipoproteins
 CA-125
 CEA
 Ceruloplasmin
 Kappa:Lambda Free Light Chains
 PSA total & free
 Quad Screen
 Serum Protein Electrophoresis
 Vitamin D, 25-hydroxy



Red no gel
Clot activator

7 mL

Toxicology & Drug Levels
 (5-FC, amikacin, glycols, lidocaine, lithium, mixed alcohols, methotrexate, pentobarbital, tricyclics, and others)
 Heparin-associated antibodies
 Progesterone
 Testosterone free and total



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)
HCV, HIV by PCR
 (quantitative, genotype, phenotype)



Green no gel
Sodium Heparin

7 mL

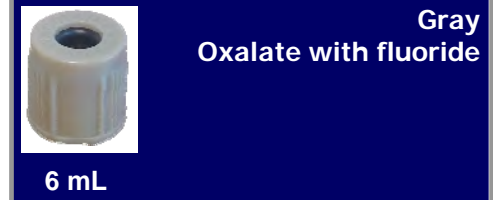
Flow Cytometry
 (CD3/CD4/CD8 count, leukemia & lymphoma immunophenotyping)
 CD3OKT3
 Cyclex T- cell assay
 Galactokinase
 Lymphocyte Function
 Neutrophil function
 Quantiferon



Blue
Citrate

4 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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 Clinical Laboratory
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