



Specimen Collection Requirements

For more information visit www.maclonline.com or call: (317) 803-1010 or (877) 803-1010 (Option #4)

(1) **Light Blue (Sodium Citrate 3.2%)**
 T/F Activated Protein C Resistance
 T/F Adams 13
 T/F Alpha 2 Antiplasmin
 T/F Antithrombin III
 T/F Chromogenic Factor VIII
 T/F Dilute PT
 T/F D-Dimer
 T/F DRVVT (Dilute Russel Viper Venom)
 T/F Factor II
 T/F Factor V
 T/F Factor V Inhibitor
 T/F Factor VII
 T/F Factor VIII
 T/F Factor VIII Inhibitor
 T/F Factor IX
 T/F Factor IX Inhibitor
 T/F Factor X
 T/F Factor XI
 T/F Factor XII
 T/F Factor XIII
 T/F Fibrin Monomer Complex
 T/F Fibrinogen
 T/F Heparin Dependent Antibodies
 T/F Heparin Level
 T/F Hexagonal Phospholipid Neutralization
 ** Lupus Anticoagulant (4 tubes)
 T/F Mixing Study PT
 T/F Mixing Study PTT
 Plasminogen Activator Inhibitor 1 Ag
 T/F Plasminogen Activity
 Platelet Aggregation
 Platelet Function Test } See Below
 T/F Protein C Activity
 T/F Protein C Ag (Total)
 T/F Protein S Activity
 T/F Protein S Ag (Free)
 T/F Protein S Ag (Total)
 T/F PT
 T/F PTT
 T/F Reptilase Time
 Ristocetin Dose Response (2 tubes)
 T/F TCT (Thrombin Clotting Time)
 T/F Von Willebrand Antigen
 T/F VonWillebrand Factor (WVF) Activity
 T/F VWF Multimers

T/F = Transfer plasma to plastic vial - freeze within 2 hours of draw
 **2 full light blue tops and 2 full SST
 } Must call for STAT pickup and indicate draw time on tubes
 Must use discard tube when using butterfly for light blue tubes.

Numbers in "() " beside tube type picture indicate order of draw

(2) **Red (No Additive)**
 Acetaminophen
 Alcohol (Do not open prior to testing)
 Aldosterone
 Alpha 1 Antitrypsin
 Amikacin
 Aminodarone
 Androstenedione
 Apolipoprotein B
 Barbiturate
 C1Q Binding Assay
 C5 (Complement)
 T/F Factor VII
 Caffeine (Neonatal)
 Carbamazepine (Tegretol)
 * Complement, Total (CH50)
 * Cryoglobulin
 Digitoxin
 Digoxin
 Dihydrotestosterone
 Doxepin
 Ethylene Glycol (place on ice)
 Flecainide
 Free Fatty Acid
 Gentamicin
 GHB Rohypnal
 Halidol (Haloperidol)
 Hydroxyprogesterone
 Imipramine (Tofranil)
 Lamotrigine (Lamictal)
 Librium (Chlordiazepoxide)
 Lidocaine
 Lithium
 Lysozyme (Muramidase)
 Mellaril (Thioridazine)
 Meprobamate
 Methotrexate (protect from light)
 Norpace (Disopramide)
 Oxcarbazepine (Trileptal)
 Pentobarbital
 Phenytoin (Dilantin)
 Primidone (Mysoline)
 BUN
 Propafenone
 Protriptyline (Vivacity)
 Prozac (Fluoxetine)
 Ritalin (Methylphenidate)
 Salicylate
 Theophylline
 Thorazine (Chlorpromazine)
 Tobramycin
 Trazodone
 Valium
 Valproic Acid
 Vancomycin
 Zonegran (Zonisamide)

* Deliver to lab immediately. Keep specimen at room temperature.

(3) **Gold (SST gel separator)**
 Acetone
 Aldolase
 ANA
 Anticardiolipin Antibody (IgA)
 Anticardiolipin Antibody (IgG + IgM)
 Anti-DNase-B Titer
 Anti-Double-Stranded DNA
 Anti-Histone AB
 Antiphosphatidylserine Ab (IgA)
 Antiphosphatidylserine Ab (IgM + IgG)
 Anti-Smooth Muscle Antibody
 ASO Titer
 Beta 2 Glycoprotein 1 Ab (IgA)
 Beta 2 Glycoprotein 1 Ab (IgG + IgM)
 Beta 2 Microglobulin
 Betahydroxybutyrate (BHOB)
 C3
 C4
 CA 125
 CA 27.29
 Cancer Antigen 15-3
 Carbohydrate Antigen 19-9
 Cardio CRP
 Cardiolipin Antibody
 CEA
 Cholesterol
 Cortisol
 Cortisol (Thyrotropin) Stimulation
 C-peptide
 C-Reactive Protein (CRP)
 DHEAS
 Direct LDL
 EBV Screen
 Folate
 HCG, Serum Qualitative
 Hepatitis A, IgM
 Hepatitis A, Total
 Hepatitis B Core IgM Antibody
 Hepatitis B Surface Antibody
 Hepatitis B Surface Antigen
 Hepatitis BE Antibody
 Hepatitis BE Antigen
 Hepatitis C Antibody
 Hepatitis Panel, Acute
 Herpes 1 + 2 IgM Antibody
 Histoplasma AB Comp Fix
 HIV Antibody (separate tube)
 Immunofixation, Serum
 Immunoglobulin Panel
 Insulin
 Lyme Disease Antibody
 Mono Screen
 Osmolality
 Parvovirus, Human
 Phospholipids
 Prolactin
 Prostatic Acid Phosphatase
 Protein Electrophoresis
 PSA
 T/F PTH, Intact and Ca++
 RA Factor/Screen
 RPR
 Rubella IgG
 Rubella IgG
 Scleroderma Antibody
 Sjogren's Screen
 Testosterone
 Thyroglobulin
 Thyroglobulin Antibody
 Thyroid Receptor Antibody
 Total Bile Acid
 TSH
 Varicella Zoster Antibodies
 Vitamin B12
 Vitamin D, 25 Hydroxy
 Vitamin E

DO NOT FREEZE SST TUBE. PLEASE TRANSFER TO POUR OFF TUBE.
 T/F = Transfer serum to plastic vial - freeze within 2 hours of draw

(4) **Mint Green (PST gel separator) OR Dark Green, Gold, Tiger Top are also acceptable**
 Albumin
 Alkaline Phosphatase
 ALT (SGPT)
 Amylase
 AST (SGOT)
 Basic Metabolic Profile (BMET)
 Bilirubin, Direct
 Bilirubin, Total
 BUN
 Calcium
 Chloride
 CKMB
 CO2
 Comp Metabolic Profile (CMET)
 CPK
 Creatinine
 Phosphorus
 Electrolytes
 Potassium
 Preactalbin
 Procalcitonin
 Progesterone
 Renal Panel
 Sodium
 T3 Uptake
 T3, Free
 T3, Total
 T4 (Thyroxine)
 T4, Free
 TIBC
 Total Bilirubin
 Total Protein
 Transferrin
 Triglyceride
 Uric Acid

(5) **Green (Lithium Heparin)**
 T/F Ammonia
 Carbon Monoxide (CO) (Carboxyhemoglobin)
 CKMB
 T/F Lactic Acid (on ice)
 Leukocyte Alkaline Phos Stain (LAP)
 * Ionized Calcium
 Methemoglobin (place on ice)
 Plasma Free Hemoglobin
 Troponin-I

* Do not open prior to testing

(6) **Lavender (EDTA)**
 ACTH (place on ice)
 T/F B type Natriuretic Peptide (BNP)
 CBC
 CBC with Differential
 Cell Count (Body Fluids)
 CMV, PCR, Quant and Qual
 Crystal Analysis (Body Fluids)
 Cyclosporine
 Factor V Leiden Mutation
 Fetal Hemoglobin
 G6PD
 T/F Glucocorticoid (2 tubes)
 Hemoglobinopathy Evaluation
 Hemogram
 Hgb A1C
 Hgb/Hct
 Histamine
 HIV 1 DNA, Qual, PCR
 HIV Viral Load
 T/F Homocysteine
 T/F HSV 1 and 2 PCR, Qual
 Malaria Stain - make slides
 MTHFR
 Platelet Count
 Prothrombin 20210 Gene Mutation
 Rapamycin (Sirolimus)
 RBC Folate (2 tubes)
 RBC Cholinesterase (2 tubes)
 T/F Renin
 Reticulocyte Count
 Reticulocyte Hgb Content
 Sed Rate
 Sick Cell Screen
 Tacrolimus (Prograf)
 Total Eosinophil Count
 T/F Vasoactive Peptide
 T/F Vitamin B1 (protect from light)
 T/F Vitamin B6 (protect from light)
 T/F Vitamin K (protect from light)

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(7) **Pink (Blood Bank)**
 Antibody Screen
 ABO Rh
 Direct Antiglobulin Test (DAT)
 Indirect Antiglobulin Test (IAT)
 Type and Screen
 Type and Crossmatch
 Rhogam

(8) **Royal Blue (No Additive)**
 Copper
 Royal Blue (EDTA)
 Arsenic
 Cadmium
 Heavy Metals, Blood
 Mercury
 Zinc

(9) **White (EDTA/Gel)**
 T/F Hepatitis B Virus DNA Qual PCR
 T/F Hepatitis C RNA PCR, Quant
 T/F HIV Genotyping
 T/F HIV RNA PCR, Quant

T/F = Transfer plasma to plastic vial - freeze within 2 hours of draw

(10) **Tan (EDTA K₂)**
 Lead

(11) **Gray (NA Fluoride/K Oxalate)**
 Glucose Tolerance Tests (all)

Order of draw

Green (Lithium Heparin)

Albumin	CKMB	Lipase
Alkaline Phosphatase	CO2	Magnesium
ALT (SGPT)	Comp Metabolic Profile (CMET)	
	CPK	Phosphorus
Amylase	Creatinine	
AST (SGOT)		Potassium
Basic Metabolic Profile	Electrolytes	Procalcitonin
Bilirubin, Direct	GGT	Renal Panel
Bilirubin, Total	Glucose	Sodium
BUN	Glucose, Fasting	Total Bilirubin
Calcium	HCG, Quantitative	Total Protein
	Hepatic Panel	Triglycerides
	LDH	Troponin I
		Uric Acid
Chloride		



Royal Blue

Royal Blue (B)

Copper

Royal Blue (E)

Arsenic

Cadmium

Heavy Metals

Mercury

Zinc



Lavender

Lavender (EDTA)

ACTH (place on ice)	Hgb/Hct	
B Type Natriuretic Peptide	HIV 1 DNA, Qual PCR	Reticulocyte Count
CBC	Homocysteine	Reticulocyte Count
CBC with Differential	HSV 1 and 2 PCR, Qual	Sed Rate
CMV PCR, Quant and Qual	Malaria Stain (make slide)	Sickle Cell Screen
Cyclosporine	MTHFR	Sirolimus (Rapamycin)
Factor V Leiden Mutation	Platelet Count	Tacrolimus (Prograf)
Fetal Hemoglobin	Prothrombin 20210 Genotype	Total Eosinophils
G6PD	Rapamycin (Sirolimus)	Vasoactive Intestinal Peptide
Glucagon (2 tubes)	RBC Folate (2 tubes)	Vitamin B12

Hemoglobinopathy Eval RBC Cholinesterase (2 Vitamin B6
Hgb A1C Renin



White

White (EDTA/Gel)

- * Hepatitis B Virus DNA Qual PCR
- Hepatitis C RNA PCR, Quant
- * HIV Genotyping
- * HIV1 RNA PCR, Quant

* OR 2 Lavender (EDTA)



Tan

Tan (EDTA K₂)

Lead



Gray



**Gray (NA
Fluoride/K
Oxalate)**

**Lactic
Acid (place
on ice)**