



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 } See Below
 - Platelet Function Test }
- 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
 - Ristocetin Dose Response (2 tubes)
- T/F TCT (Thrombin Clotting Time)
- T/F Von Willebrand Antigen
- T/F VonWillebrand Factor (VWF) 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)
- * 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)
- Norpac (Disopramide)
- Oxcarbazepine (Trileptal)
- Pentobarbital
- Phenytoin (Dilantin)
- Primidone (Mysoline)
- 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) OR SST

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

FREEZE SST TUBE. PLEASE TRANSFER TO POUR OFF TUBE. * Do not open prior to testing
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 | Glucose Tolerance Tests (all) | T3, Free |
| Alkaline Phosphatase | Glucose, Fasting | T3, Total |
| ALT (SGPT) | HCG, Quantitative | T4 (Thyroxine) |
| Amylase | HDL | T4, Free |
| AST (SGOT) | Hepatic Panel | TIBC |
| Basic Metabolic Profile (BMET) | IgA | Total Bilirubin |
| Bilirubin, Direct | IgG | Total Protein |
| Bilirubin, Total | IgM | Transferrin |
| BUN | Iron | Triglyceride |
| Calcium | Iron Study Panel | TSH |
| Chloride | LDH | Uric Acid |
| CKMB | LH | |
| CO2 | Lipase | |
| Comp Metabolic Profile (CMET) | Lipid Panel | |
| CPK | Magnesium | |
| Creatinine | Phosphorus | |
| Electrolytes | Potassium | |
| Estradiol | Procalcitonin | |
| Ferritin | Progesterone | |
| FSH | T/F intactPTH | |
| GGT | Renal Panel | |
| GGT | Sodium | |
| Glucose | T3 Uptake | |

(5) Green (Lithium Heparin)

- T/F Ammonia
- Carbon Monoxide (CO) (Carboxyhemoglobin)
- CKMB
- 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 Glucagon (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
- Sickle 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 HIV1 RNA PCR, Quant

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(10) Tan (EDTA K₂)

- Lead

(11) Gray (NA Fluoride/K Oxalate)

- Glucose Tolerance Tests (all)
- T/F Lactic Acid (place on ice)

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