

Specimen Requirement Chart



LEGEND

●

..... Protect from Light

■

..... Centrifuge and Transfer Serum/
Plasma to Plastic Vial

▼

..... Submit in Original Collection Tube

②

..... Requires 2 Tubes

◆

..... Transfer whole blood to amber
transport tube

A

..... Ambient

F

..... Frozen

R

..... Refrigerated

ROYAL BLUE TOP

Chromium, Serum, No additive

R

Copper, Plasma, EDTA or Heparin

A

Heavy Metals Panel (venous) Blood
with EDTA or Heparin

A

Magnesium, RBC

R

Mercury, Blood with EDTA or Heparin

R

Porphyrin, Free Erythrocyte

◆

R

Zinc, Plasma with EDTA or Heparin

A

PINK OR

LAVENDER TOP (EDTA)

ABO Group

A

ABO Group and Rh Type

A

Coombs, Direct

A

Rh Type

A

LAVENDER TOP (EDTA)

Adrenocorticotrophic Hormone
(ACTH), Plasma

■

F

Ammonia, Plasma

■

F

B-Type Natriuretic Peptide (BNP)

■

F

CBC (includes Diff/Plt)

A

CBC (includes Diff/Plt) with Smear Review

A

Cell Count, Diff & Crystals

A

Cell Count, Fluid

A

Cell Count, Synovial Fluid

A

Cholinesterase, RBC and Plasma

●

R

Clozapine (Clozaril®)

R

Complete Synovial Fluid Analysis

A

Crystals, Fluid

A

Crystals, Synovial Fluid

A

Cyclosporine

A

Galactose-1-Phosphate Uridyltransferase
(GALT), Blood

R

Glucose-6-Phosphate Dehydrogenase,
Quantitative

R

Hematocrit

A

Hemoglobin A1c with eAG

A

Hemoglobinopathy Evaluation

A

Hepatitis B Virus DNA, Quantitation, PCR

■

F

Hepatitis C Viral RNA, Genotype, LiPA

R

Hepatitis C Viral RNA, Quantitative,
Real-Time PCR

R

HIV-1 RNA, Quantitative, Real-Time PCR

■

F

HIV 2 DNA/RNA, Qualitative, Real Time PCR

A

Lymphocyte Subsets-EDTA

A

Platelet Count

A

Reticulocyte Count

A

Sed Rate by Modified Westergren

A

Sickle Cell Screen

A

Tacrolimus, Highly Sensitive, LC/MS/MS

A

Tay-Sachs Disease Mutation Analysis

A

Vasoactive Intestinal Polypeptide
(VIP), Plasma

■

F

Vitamin B1 (Thiamine), Blood, LC/MS/MS

●

■

F

Vitamin B1 (Thiamine), Plasma/Serum,
LC/MS/MS

●

■

F

Vitamin B6, Plasma

●

■

F

White Blood Cell Count

A

White Blood Cell Count & Diff

A

XSense®, Fragile X with Reflex

A

Zinc Protoporphyrin (ZPP)

●

A

RED TOP (PLAIN)

No additive

Acetaminophen

■

A

Aldosterone

■

R

Alprazolam & Metabolite

■

A

Amikacin

■

A

Amikacin, Peak

■

A

Amikacin, Trough

■

A

Amiodarone

■

R

Amitriptyline

■

A

Amphetamines by GC/MS

■

A

Androstenedione

■

A

Anti-DNase-B Antibody

■

R

Antigliadin Antibody Panel

■

A

Aspergillus Antibody by
Immunodiffusion (ID)

■

A

Barbiturates

■

A

Benzodiazepines

■

R

Biotinidase

■

F

Blastomyces Antibody by Immunodiffusion
(ID) Qualitative

■

A

C1 Esterase Inhibitor, Quantitative

■

A

C1-Inhibitor Functional

■

F

Caffeine

■

A

Calcitonin

■

F

Cannabinoids

■

A

Carbamazepine & Metabolite

■

A

Carbamazepine, Free & Total

■

A

Carbamazepine, Total

■

A

Carisoprodol

■

A

Carnitine, Serum

■

F

Carotene

●

■

R

Clomipramine (Anafranil)

■

R

Clonazepam

■

F

Clozapine

■

R

Coccidioides Antibody, Immunodiffusion

■

A

Cold Hemagglutinins

■

A

Creatine Kinase Isoenzymes

■

F

Desipramine

■

A

Digoxin

■

A

Dihydrotestosterone

■

A

Disopyramide

■

A

Doxepin

■

A

Estriol, Serum

■

R

Estrone, Serum

■

R

Ethosuximide

■

A

Felbamate (Felbatol)

■

R

Flecainide (Tambocor)

■

A

Fluphenazine

■

R

Francisella Tularensis Ab, DA

■

A

Gabapentin, Serum

■

A

Gastrin

■

F

Gentamicin

■

A

Gentamicin, Peak

■

A

Gentamicin, Trough

■

A

Glutamic Acid Decarboxylase 65 Ab

■

A

Haloperidol

■

R

Heparin-Inducted Platelet Antibody

■

F

Histoplasma Antibody by Immunodiffusion
(ID), Qualitative

■

A

Histoplasma Antibody by Complement
Fixation (CF)

■

A

HTLV I/II Antibody w/ Reflex
confirmatory assay

■

R

HU Antibody Screen w/Reflex to titer
and Western Blot

■

A

17-Hydroxyprogesterone

■

R

Hydrocodone

■

A

Hypersensitivity Pneumonitis Evaluation

■

R

Ibuprofen

■

A

IGF Binding Protein-3

■

A

Imipramine

■

A

Lamotrigine

■

R

Lidocaine

■

A

Methadone

■

A

Methotrexate

●

■

F

Morphine, Free (Unconjugated)

■

A

Myocardial antibody screen w/Reflex
to Titer

■

R

Myelin Associated Glycoprotein (MAG) Ab
w/Reflex to MAG-SGPG

■

R

Myeloperoxidase Antibody (MPO)

■

A

Myoglobin, Serum

■

A

Neuron Specific Enolase

■

A

Nortriptyline

■

A

Nicotine and Cotinine, Serum

■

R

Olanzapine

■

A

Opiates, Serum

■

A

Ovarian Antibody Screen w/Reflex Titer, IFA

■

R

Parvovirus B-19 Antibodies IgG & IgM

■

A

Parvovirus B-19 Antibody IgG

■

A

Parvovirus B-19 Antibody IgM

■

A

PCB Panel, Congeners, Serum

■

R

Pepsinogen II

■

F

Phenobarbital

■

A

Phencyclidine

■

A

Phenytoin

■

A

Phenytoin, Free

■

A

Phospholipids, Serum

■

R

Platelet Antibody Screen (Indirect)

■

R

Primidone and Phenobarbital

■

R

Procainamide

■

A

Proinsulin

■

F

Quinidine

■

A

Risperidone and Metabolite

■

A

Salicylate

■

A

T3, Reverse

■

A

T4, Free, by Direct Dialysis

■

R

Testosterone, Total, MS

■

A

Testosterone, Free

■

A

Theophylline

■

A

Thiocyanate

■

A

Thiuridazine and Metabolite

■

A

Thyroid Stimulating Hormone Receptor
Antibody

■

A

Thyroid Stimulating Immunoglobulin (TSI)

■

R

Thyroxine Binding Globulin (TBG)

■

A

Tissue Transglutaminase Antibody IgA

■

A

Tobramycin

■

A

Tobramycin, Peak

■

A

Tobramycin, Trough

■

A

Topiramate

■

A

Trazodone

■

A

Tryptase

■

F

Valproic Acid

■

A

Vancomycin

■

A

Vancomycin, Peak

■

A

Vancomycin, Trough

■

A

Varicella-Zoster Virus IgM Antibody

■

A

Varicella-Zoster Virus IgG Antibody

■

A

Viscosity, Serum

■

A

Vitamin A (Retinol)

●

■

R

Vitamin B12 Binding Capacity, Unsat

■

R

Vitamin D, 1,25-Dihydroxy

■

A

Vitamin D, 25-Hydroxy

■

A

Vitamin E (Tocopherol)

●

■

R

LIGHT BLUE TOP

3.2% Na Citrate

Antithrombin III Activity

■

F

Antithrombin III Antigen

■

F

Beta-2-Glycoprotein/Antibodies

■

A

Cardiolipin IgA Antibody

■

A

Cardiolipin IgG Antibody

■

A

Cardiolipin IgM Antibody

■

A

D-Dimer, Quantitative

A

Factor II Activity, Clotting

■

F

Factor V Activity, Clotting

■

F

Factor VII Activity, Clotting

■

F

Factor VIII Activity, Clotting

■

F

Factor IX Activity, Clotting

■

F

Factor X Activity, Clotting

■

F

Factor XI Activity, Clotting

■

F

Factor XII Activity, Clotting

■

F

Fibrinogen Degradation Products (FDP)

■

F

Fibrinogen Activity, Clauss

■

F

Partial Thromboplastin Time, Activated

A

Phosphatidylserine Antibodies
(IgG, IgA, IgM)

■

A

Protein C and S Activity with Reflex to
Protein C and/or S Antigen

■

●

F

Protein C Activity

■

F

Protein C Activity with Reflex to Protein C
Antigen

■

F

Protein C Antigen

■

F

Protein S Activity

■

F

Protein S Activity with Reflex to Protein S
Antigen, Total

■

F

Protein S Antigen, Total and Free

■

F

Prothrombin Time with INR

A

GREEN TOP

Sodium Heparin

Amino Acid Analysis, LC/MS, Plasma

■

F

Catecholamines, Fractionated & Total,
Plasma

■

F

Chromosome Analysis, Blood

A

Chromosome Study, Peripheral Blood

A

Hemoglobin, Free Plasma

■

A

HLA-B27 Antigen

A

Leukemia/Lymphoma

A

Natural Killer Cells (NKC) Functional

A

GREY TOP

Fluoride/Potassium Oxalate

Alcohol, Ethyl, Blood

A

Alcohol, Methyl, Blood

A

Glucose Tolerance Test

A

Glucose Tolerance Test, Gestational

A

Glucose, Fasting & Gestational

A

Glucose, Fasting & Postprandial 1 Hour

A

Glucose, Gestational Screen

A

Glucose, Plasma

A

Glucose, Postprandial 1 Hour

A

Glucose, Postprandial 2 Hour

A

Glucose, Random

A

Lactose Tolerance Test

A

SST

Spin 30 minutes after collection

Acetylcholine Receptor Binding Antibody

A

Acetylcholine Receptor Modulating Antibody

■

A

Acid Phosphatase, Total

■

F

Adenovirus Antibody

A

Alanine Aminotransferase (ALT)

A

Albumin

A

Aldolase

■

F

Alkaline Phosphatase

A

Allergen Specific IgE (All)

A

Allergen Total IgE

A

Alpha-1-Antitrypsin, Quantitative

A

Alpha-1-Fetoprotein, Maternal Serum

A

Alpha-1-Fetoprotein, Tumor Marker

A

Amylase

A

ANachoice® Panel 1 with Reflexes

■

A

ANCA Vasculitides

A

Anti-Ribosomal P Antibody

A

Anti-Streptolysin O

A

Antithyroglobulin Antibodies

A

Antithyroid Peroxidase Antibodies

A

Apolipoprotein A1

A

Apolipoprotein B

A

Apolipoprotein Evaluation

A

Aspartate Aminotransferase (AST)

A

Basic Metabolic Panel

A

Basic Metabolic Panel w/o Ca

A

Beta-2-Microglobulin

A

Bilirubin

●

A

Bordetella pertussis toxin (PT), Antibodies
(IgG, IgA) & MAID

■

A

BUN/Creatinine Ratio

A

CA 15-3

A

CA 19-9

A

CA 27.29

A

CA 125

A

Calcium

A

Calcium, Ionized

▼

A

Carbon Dioxide

A

Carcinoembryonic Antigen

A

Cardio CRP

A

CEA

A

Centromere B Antibody

A

Ceruloplasmin

A

Chlamydia trachomatis IgG Antibody

A

Chlamydia trachomatis IgM Antibody

A

Cholesterol, Total

A

Chloride

A

Chorionic Gonadotropin, Qualitative

A

Chorionic Gonadotropin, Quantitative (HCG)

A

Chromatin (Nucleosomal) Antibody

A

CK-MB

■

F

Complement Component C3

■

R

Complement Component C4

■

R

Complement, Total (CH50 Units)

■

F

Comprehensive Metabolic Panel

A

Comprehensive Metabolic Panel w/o ALT

A

Comprehensive Metabolic Panel
w/o CO2 & ALT

A

Cortisol, Serum

A

Cortisol, 2 Specimens

A

Cortisol, A.M.

A

Coxsackie A Antibody Panel, CF

■

A

C-Peptide

■

A

C-Reactive Protein

A

Creatine Kinase, Total

A

Creatinine

A

Cyclic Citrullinated Peptide (CCP)

A

Cytomegalovirus IgG Antibody by EIA

A

Cytomegalovirus IgM Antibody by EIA

A

Dehydroepiandrosterone (DHEA) Sulfate

A

Dexamethasone Suppression

A

DHEA Sulfate

A

Direct LDL

A

DNA (ds) Antibody

A

Ehrlichia chaffeensis Antibody by IFA

■

A

Electrolyte Panel

A

Entamoeba histolytica Antibody (IgG) by EIA

■

A

Epstein-Barr Virus Antibody Screen

A

Epstein-Barr Virus VCA IgA Antibody

A

Epstein-Barr Virus VCA IgG Antibody

A

Epstein-Barr Virus VCA IgM Antibody

A

Erythropoietin

A

Estradiol

A

Ferritin

A

Folic Acid

■

R

Follicle Stimulating Hormone (FSH)

A

Fructosamine

A

FTA-ABS

A

Gamma Glutamyl Transferase (GGT)

A

Giardia lamblia IgG, IgA, IgM by IFA

A

Globulin, Total with Albumin/Globulin Ratio

A

Glomerular Basement Membrane Antibody

A

Glucose, Serum

A

Haptoglobin

A

HCG-Qualitative

A

HCG-Quantitative

A

HDL-Cholesterol

A

Hepatic Function Panel with Total Protein

A

Hepatic Function Panel w/o Total Protein

A

Hepatitis A Antibody, Total

A

Hepatitis A IgM Antibody

A

Hepatitis B Core Antibody Total

A

Hepatitis B Core IgM Antibodies

A

Hepatitis B Surface Antibody, Qualitative

A

Hepatitis B Surface Antibody, Quantitated
to End Point

A

Hepatitis B Surface Antibody, Quantitative

A

Hepatitis B Surface Antigen with
Reflex Confirm

A

Hepatitis B Antibody

A

Hepatitis B Antigen

A

Hepatitis C Antibody

A

Herpes Simplex Type 1 IgG Antibody

A

Herpes Simplex Type 2 IgG Antibody

A

Herpes Simplex Virus 1&2 IgG Antibody

A

Herpes Simplex Virus 1&2 IgM Antibody

A

Heterophile, Mono Screen

A

HIV-1 Antibody Screen w/Reflex

▼

A

HIV-1 Ab Confirmation by Western Blot

▼

A

HIV-1&2 Antigen/Antibody Fourth Generation
w/Reflex

▼

A

Homocysteine

A

Human Growth Hormone (hGH)

A

IGF-1 (Somatomedin-C)

R

Immunofixation, Serum

A

Immunoglobulin A

A

Immunoglobulin D, Serum

R

Immunoglobulin E

A

Immunoglobulin G

A

Immunoglobulin G, Subclasses Panel

R

Immunoglobulin M

A

Immunoglobulins (IgG, IgA, IgM)

A

Insulin

R

Intrinsic Factor Blocking Antibody

A

Iron, Total

A

Iron, Total, IBC

A

Jo-1 Antibody

A

Lactate Dehydrogenase (LDH), Isoenzymes

A

Lactate Dehydrogenase (LDH), Total

A

Legionella pneumophila Antibody
Serogroups 1-6

A

Lipase

A

Lipoprotein A

R

Lithium

A

Luteinizing Hormone (LH)

A

Lyme Disease Antibody Screen, (Total), EIA,
w/ Immunoblot Confirmation

A

Lyme Disease IgG & IgM Antibodies,
Immunoblot

A

Lyme Disease IgG Antibodies, Immunoblot

A

Magnesium

A

Maternal Serum Screen 4

R

Methylmalonic Acid (MMA), Quantitative,
Serum

A

Mitochondrial Antibodies

A

Mumps Virus Antibody, IgG

A

Mumps Virus Antibody, IgM

A

Mycoplasma Pneumoniae IgG

A

Mycoplasma Pneumoniae IgM

A

Osmolality

A

Phosphorus, Inorganic, Serum

A

Potassium

A

Prealbumin

A

Progesterone

A

Prolactin

A

Prostate Specific Antigen (PSA)

A

Protein, Total

A

Proteinase-3 Antibody (Pr3)

A

Protein Electrophoresis, Serum

A

PSA (Free and Total)

■

F

PTH, Intact and Calcium

■

F

Quad Screen

A

Rabies Antibody

R

Renal Function Panel

A

Rheumatoid Factor

A

Ribosome P Ab

A

RPR (Dx) w/Reflex Titer to FTA

A

RPR (Monitor)

A

RPR, Premarital

A

Rubella Virus IgG Antibody by EIA

A

Rubella Virus IgM Antibody Screen by EIA

A

Rubeola Antibodies IgG & IgM

A

Rubeola Antibody IgM

A

Rubeola Virus IgG Antibody

A

SCL-70 Antibody

A

Sex Hormone Binding Globulin

A

Sjogren's Antibodies

A

SM & RNP Antibodies

A

Smooth Muscle Antibodies

A

Sodium

A

T-3, Free

A

T-3, Uptake

A

T-3, Total

A

T-4 (Thyroxine), Free

A

T-4 (Thyroxine), Total

A

Testosterone, Total Males

A

Thyroglobulin Antibodies

A

Thyroid Peroxidase Antibodies

A

Thyroid Stimulating Hormone (TSH)

A

Thyroid Stimulating w/Reflex to Free T4

A

Toxoplasma Antibody IgM & IgA, by EIA

A

Toxoplasma IgA Antibody by EIA

A

Transferrin

A

Treponema pallidum Antibodies (FTA-ABS)

A

Triglycerides

A

Triiodothyronine, Free (FT3)

A

Triiodothyronine, Total (T3)

A

Troponin I

■

F

Tularemia Antibody

A

Urea Nitrogen (BUN)

A

Uric Acid

A

Vitamin B12

●

A

Vitamin B12 & Folic Acid Panel

R