

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
<i>A</i>	
ABO+Rh Type	1 lavender, 3 ml
ABO+Rh Type	1 pink top, 6 ml
ABO+Rh Type -Neonatal	1 lavender, 3 ml
ABO+Rh Type -Neonatal	1 pink top, 6 ml
ACE- Angiotenson Converting Enzyme	1 SST, 2 ml serum
ACE- Angiotenson Converting Enzyme,CSF	CSF, 1 ml, freeze
Acetaminophen Level	1 SST, 2 ml serum
Acetaminophen Level	1 SST, 2 ml serum
AChR Binding Ab	1 SST, 1 ml serum, refrigerate
AChR Blocking Ab	1 red or SST, 1 ml serum, refrigerate
AChR Modulating Ab	1 red or SST, 2 ml serum, refrigerate
Acid Glycerol Lysis	1 lavender
Acid Phosphatase Prostatic	1 SST, centrifuge separate and freeze
ACTH- Adrenocorticotropin	1 lavender 1.5 ml plasma, freeze
Activated Protein C Resistance (APCR)	1 blue top , centrifuge, separate plasma and freeze
Adenovirus Ab	1 red or SST, 1 ml serum, refrigerate
Adrenal Ab	1 SST, 2 ml serum
Albumin	1 SST, 2 ml serum
Albumin	1 SST, 2 ml serum
Albumin Fluid	1 ml fluid, room temp
Albumin Fluid	1 ml fluid, room temp
Albumin, CSF	1 ml CSF, room temp
Albumin, CSF	1 ml CSF, room temp
Aldolase	1 SST, centrifuge separate and freeze
Aldosterone	1 SST, 2 ml serum, freeze
Aldosterone Pediatric	1 red or SST, 2 ml serum, refrigerate
Aldosterone Ur 24H Collection	Aliquot of 24 hr urine with Boric Acid, refrigerate
Alkaline Phosphatase	1 SST, 2 ml serum, refrigerate
Alkaline Phosphatase	1 SST, 2 ml serum, refrigerate

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Test Description	Specimen Requirements
Alkaline Phosphatase Isoenzymes	1 SST, 2 ml serum, refrigerate
Alpha 1-Fetal Protein Maternal Prenatal Triple Screen	Aminotic Fluid
Alpha Sub Unit	1 red or SST, 1 ml serum, refrigerate or room temp (48 hrs), freeze- 6 months
Alpha-1-Antitrypsin	1 SST, 2 ml serum, refrigerate
Alpha-1-Antitrypsin Phenotyping	1 red or SST, 1 ml serum, freeze
Alpha-1-Antitrypsin Stool	Stool
Alpha-1-Fetoprotein Tumor Marker	1 SST, 2 ml serum, refrigerate
Alprazolam Level	1 red, 1 ml serum, refrigerate
ALT (SGPT) Alanine Aminotransferase	1 SST, 2 ml serum
ALT (SGPT) Alanine Aminotransferase	1 SST, 2 ml serum
Aluminum	1 red top, 2 ml serum, refrigerate
Aluminum 24H Ur	2 ml Aliquot of 24 hr urine No Preservative, room temp
Amikacin Peak Level	1 SST, 2 ml serum, refrigerate
Amikacin Peak Level	1 SST, 2 ml serum, refrigerate
Amikacin Random Level	1 SST, 2 ml serum, refrigerate
Amikacin Random Level	1 SST, 2 ml serum, refrigerate
Amikacin Trough Level	1 SST, 2 ml serum, refrigerate
Amikacin Trough Level	1 SST, 2 ml serum, refrigerate
Amiodarone Level	1 red or SST, 2 ml serum, refrigerate
Amitriptyline/Nortriptyline Level	1 red , 2 ml serum, refrigerate
Ammonia	Green top Na Heparin, 2 ml plasma
Ammonia	Green top Na Heparin, 2 ml plasma
Amphetamines Ur	10 ml urine, refrigerate
Amphetamines Ur	10 ml urine, refrigerate
Amylase	1 SST, 2 ml serum, refrigerate
Amylase	1 SST, 2 ml serum, refrigerate
Amylase Isoenzymes	1 SST, 2 ml serum, refrigerate
Amylase Ur 24 hr Collection	10 ml urine, refrigerate
Amylase Ur 24 hr Collection	10 ml urine, refrigerate

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Test Description	Specimen Requirements
Amylase Urine	10 ml urine, refrigerate
Amylase Urine	10 ml urine, refrigerate
ANA - Nuclear Ab	1 SST, 2 ml serum
ANCA Neutrophil Cytoplasmic Ab	1 red top, 2 ml serum
Androstenedione	1 red top, 2 ml serum, refrigerate
Antibody Screen	3ml lavender top tube
Antibody Screen	6ml pink top tube
Antibody Titer	3ml lavender top tube
Antibody Titer	6ml pink top tube
Anticardiolipin Antibodies Qualitative	1 red top, 2 ml serum, refrigerate
Anticardiolipin Antibodies Quantitative	1 red top, 2 ml serum, refrigerate
Antidiuretic Hormone	1 lavender, 3 ml plasma, freeze
Antimitochondrial M2 Ab	1 ml serum, refrigerate
Antithrombin III	Blue top, 2 ml plasma, freeze
Apolipoprotein A-1	1 ml serum, refrigerate
Apolipoprotein B	1 ml serum, refrigerate
Apolipoprotein Evaluation	2 ml serum, refrigerate
APTT Act. Partial Thromboplastin Time	1 blue top , Centrifuge, separate and freeze if not tested within 4 hours
APTT Act. Partial Thromboplastin Time	1 blue top , Centrifuge, separate and freeze if not tested within 4 hours
Arbovirus Encephalitis Ab IgM	1 red or SST, 1 ml serum, refrigerate
Arsenic Bld	EDTA Trace metal, whole blood, refrigerate
Arsenic Hair	Sterile Container with sample of Hair
Arsenic Ur 24H Collection	Aliquot of 24 hr urine, refrigerate
Aspergillus Ab IgG	1 ml serum, refrigerate
Aspergillus fumigatus IgE	1 ml serum, refrigerate
AST (SGOT) Aspartate Aminotransferase	1 SST, 2 ml serum
AST (SGOT) Aspartate Aminotransferase	1 SST, 2 ml serum
Autohemolysis	Green top Na Heparin, 2 ml plasma

<b>B</b>	
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Test Description	Specimen Requirements
B pertussis paraper IgG IgM IgA	2 ml serum, refrigerate
Barbiturate Confirmatory Gastric	Gastric Fluid, refrigerate
Barbiturates Ur	7 ml urine, refrigerate
Bartonella henselae Ab IgG IgM	1 ml serum, refrigerate
Basic Metabolic Panel	1 SST, 2 ml serum, refrigerate
Basic Metabolic Panel	1 SST, 2 ml serum, refrigerate
BCL-1 Gene Rearrangement	1 lavender whole blood, room temp/refrigerate
BCL-2 Gene Rearrangement PCR	1 lavender whole blood, room temp/refrigerate
BCR/ABL by PCR New York Qt WB	1 lavender whole blood, room temp/refrigerate
BCR/ABL Gene Rgmt (Phil Chrom)	1 lavender whole blood, room temp
Bence-Jones Protein Quantitative Ur 24H	24 hr urine
Benzodiazepines Ur	10 ml urine, refrigerate
Beta 2 Glycoprotein Ab IgGAM	1 ml serum, freeze
Beta-2-Microglobulin CSF	1 ml CSF, refrigerate
Beta-2-Microglobulin Ur	10 ml urine, refrigerate
Bile Acids	1 ml serum, refrigerate
Bile Stool	stool sample, refrigerate
Bilirubin	1 SST, 2 ml serum, refrigerate
Bilirubin	1 SST, 2 ml serum, refrigerate
Bilirubin Direct (Glucuronides)	1 SST, 2 ml serum, refrigerate
Bilirubin Direct (Glucuronides)	1 SST, 2 ml serum, refrigerate
Blastomyces Ab	1 ml serum, refrigerate
Blastomyces Ab CSF	1 ml CSF, refrigerate
Bleeding Time	Performed on site/Bedside
Bleeding Time	Performed on site/Bedside
Blood Bank Patient Antigen Test	3ml lavender top tube
Blood Bank Patient Antigen Test	6ml pink top tube
Blood Gas Arterial Bld	1 ml plasma on ice
Blood Gas Venous Bld	1 ml serum on ice

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Test Description	Specimen Requirements
BN-Peptide	1 lavender (EDTA), stable 4 hours
Breath Hydrogen Fasting	Call Laboratory
Breath Hydrogen Single	Call Laboratory
Breath Test	Call Laboratory
Brucella abortus Ab IgG	1 ml serum, refrigerate
BUN - Blood Urea Nitrogen	1 SST, 2 ml serum, refrigerate
BUN - Blood Urea Nitrogen	1 SST, 2 ml serum, refrigerate
<b>C</b>	
C1 Esterase Inhibitor	1 SST, 2 ml serum, refrigerate
C1 Esterase Inhibitor Function	2 ml serum, freeze
Cadmium WB	1 lavender EDTA whole blood
CAE Complement Activation Enzyme	1 red top, 2 ml serum, freeze
Caffeine Level	1 SST, 2 ml serum, refrigerate
Calcitonin	SST, 2 ml serum, freeze
Calcium	1 SST, 2 ml serum, refrigerate
Calcium	1 SST, 2 ml serum, refrigerate
Calcium Free/Ionized	1 SST, 2 ml serum, refrigerate
Calcium Ur	10 ml urine, refrigerate
Calcium Ur	10 ml urine, refrigerate
Calcium Ur 24H Collection	10 ml aliquot, refrigerate
Calcium Ur 24H Collection	10 ml aliquot, refrigerate
Cancer Ag 125	1 SST, 2 ml serum, refrigerate
Cancer Ag 27-29	1 SST, 2 ml serum, refrigerate
Cannabinoids Serum	1 red top, 2 ml serum, freeze
Carbamazepine Free	1 ml serum, refrigerate
Carbamazepine Level	1 SST, 2 ml serum, refrigerate
Carbamazepine Level	1 SST, 2 ml serum, refrigerate
Carbohydrate Ag 19-9	2 ml serum, refrigerate
Carbon Dioxide	1 SST, 2 ml serum, refrigerate
Carbon Dioxide	1 SST, 2 ml serum, refrigerate
Carboxyhemoglobin Bld (CO Hgb)	Green, lavender or syringe filled completely deliver immediately to laboratory on ice

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Test Description	Specimen Requirements
Cardiolipin Antibodies Qualitative	1 SST, 2 ml serum, refrigerate
Carotene	1 SST, 2 ml serum, refrigerate
Catecholamines Fractionated Plasma	1 green top, 4 ml plasma, freeze
Catecholamines Free Fractionated Ur 24H	24 hr urine, HCL, refrigerate
Catecholamines Free Ur 24H	20 ml aliquot, refrigerate
CBC	1 lanender tube 1 ml plasma, refrigerate
CBC	1 lanender tube 1 ml plasma, refrigerate
CBC w/ Differential	1 lanender tube 1 ml plasma, refrigerate
CBC w/ Differential	1 lanender tube 1 ml plasma, refrigerate
CEA - Carcinoembryonic Ag	1 SST, 2 ml serum, refrigerate
CEA - Carcinoembryonic Ag	1 SST, 2 ml serum, refrigerate
Cell Count - Body Fluid	1 ml body fluid, refrigerate
Cell Count - Body Fluid	1 ml body fluid, refrigerate
Cell Count - CSF	1 ml CSF, room temp
Cell Count - CSF	1 ml CSF, room temp
Centromere Ab	
Ceruloplasmin	1 ml serum, freeze
Chain of Custody 5 Drug Panel	Urine, random
Chain of Custody 7 Panel Test	Urine, random
Chain of Custody 9 Panel Test	Urine, random
Chlamydia Pneumo IgG IgM IgA	1 ml serum, refrigerate
Chlamydia Psittaci Quantitative	1 ml serum, refrigerate
Chlamydia Trach Ag Amp Ur	1 ml Aliquot, refrigerate or freeze
Chlamydia Trach Ag DFA	Smear or slides, room temp or refrigerate
Chlamydia Trachomatis Ab IgG	1 SST, 2ml serum, refrigerate
Chlamydia Trachomatis Ab IgM	1 ml serum, refrigerate
Chlamydia Trachomatis DNA	Gen Probe Collection Kit
Chloride	
Chloride	1 SST, 2 ml serum, refrigerate
Chloride, CSF	CSF, 1 ml
Chloride, CSF	CSF, 1 ml
Chloride Urine	10 ml urine, refrigerate

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Test Description	Specimen Requirements
Chloride Urine	10 ml urine, refrigerate
Chlorpromazine Level	1 red top, 2 ml serum, light protected, refrigerate or freeze
Cholesterol	1 SST, 2 ml serum, refrigerate
Cholesterol	1 SST, 2 ml serum, refrigerate
Cholesterol LDL (Direct)	1 SST, 2 ml serum, refrigerate
Cholinesterase	2 ml serum, refrigerate
Cholinesterase Plasma	1 lavender, 2 ml plasma, refrigerate
Chromagranin-A	1 ml serum, freeze
Chromium	Royal blue trace metal, 2ml serum, refrigerate
Chromium, Blood	Royal blue trace metal, whole blood, refrigerate
Chylomicrons	1 SST, 2 ml serum, refrigerate
Citrate Agar Hgb Elect	EDTA trace metal, whole blood, refrigerate
Citrate Ur 24H	Aliquot from 24 hr urine with Boric Acid, refrigerate
CK - Creatine Kinase w/ Reflex CK MB	1 SST, 2 ml serum, refrigerate
CK - Creatine Kinase w/ Reflex CK MB	1 SST, 2 ml serum, refrigerate
CK-Creatine Kinase Total Only	1 SST, 2 ml serum, refrigerate
CK-Creatine Kinase Total Only	1 SST, 2 ml serum, refrigerate
Clomipramine Level	1 red top, 2 ml serum, refrigerate
Clonazepam Level	1 red top, 2 ml serum, refrigerate
Clozapine & Norclozapine Level	1 green top, 2 ml plasma, refrigerate
Coagulation Fac IX Inhibitor Human Titer	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Fac IX Inhibitor Screen	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Fac VIII Inhibitor Screen	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Fac VIII Inhibitor Human Titer	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor II Activity	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor IX Activity	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor V Activity	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor VII Activity	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor VIII Activity	blue top, (2) .5ml aliquots plasma, freeze

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Test Description	Specimen Requirements
Coagulation Factor X Activity	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor XI Activity	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor XII Activity	blue top, (2) .5ml aliquots plasma, freeze
Coagulation Factor XIII Screen	blue top, (2) .5ml aliquots plasma, freeze
Cocaine Metabolite Ur	Urine, random
Cocaine Metabolites Screen	1 red top, 2 ml serum refrigerate or freeze
Coccidioides Immitis Ab	2 ml serum, refrigerate
Cold Agglutinin	1 red top, 2 ml serum, room temperature
Cold Agglutinin Titer	1 red top, 2 ml serum, room temperature
Complement Factor B	1 SST, 2 ml serum, refrigerate
Complement C2	1 ml serum freeze
Complement C2 Functional Act	2 ml serum, freeze
Complement C3	1 SST, 2 ml serum, refrigerate
Complement C4	1 SST, 2 ml serum, refrigerate
Complement C5	1 red top, 2 ml serum, refrigerate
Complement C5 Functional	1 red top, 2 ml serum, refrigerate
Comprehensive Metabolic Panel	1 SST, 2 ml serum, refrigerate
Comprehensive Metabolic Panel	1 SST, 2 ml serum, refrigerate
Copper	2 ml serum Trace metal, freeze
Copper RBC	EDTA Trace metal, whole Bblood, room temp or refrigerate
Copper Ur	1 ml random urine, freeze
Copper Ur 24H Collection	Aliquot from 24 hr urine with HCL or Nitric Acid , refrigerate
Cord Hold	3ml lavender top tube
Cord Hold	6ml pink top tube
Cortisol	1 SST, 2 ml serum, refrigerate
Cortisol Free Ur 24H	24 hr urine, 100 ml aliquot
Coxsackie Virus Group A Ab	1 SST, 2 ml serum, refrigerate
Coxsackie Virus Group B Ab CSF	2 ml CSF, refrigerate
C-Peptide	1 red top, 2 ml serum, refrigerate
C-Reactive Protein HS	1 SST, 2 ml serum, refrigerate

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Test Description	Specimen Requirements
Creatinine Urine	10 ml urine, refrigerate
Creatinine Urine	10 ml urine, refrigerate
Creatinine	1 SST, 2 ml serum, refrigerate
Creatinine	1 SST, 2 ml serum, refrigerate
Creatinine Ur 24H Collection	10 ml aliquot, refrigerate
Creatinine Ur 24H Collection	10 ml aliquot, refrigerate
Cryofibrinogen	1 SST, 2 ml serum, refrigerate
Cryoglobulin	1 SST, 2 ml serum, refrigerate
Cryptococcus Neoformans Ab	1 ml serum, refrigerate
Cyanide Bld	Gray top, whole blood, refrigerate
Cyclic AMP Plasma	1 lavender top, EDTA, 1 ml plasma, freeze
Cyclosporine Level	1 lavender, 2 ml plasma, refrigerate
Cytomegalovirus	1 lavender, 2 ml plasma, refrigerate
Cytomegalovirus (CMV) Ag	1 lavender, 2 ml plasma, refrigerate
Cytomegalovirus (CMV) DNA PCR	1 lavender top, 4 ml plasma, refrigerate
Cytomegalovirus (CMV) IgGM CSF	2 ml CSF, freeze

<b>D</b>	
DALA - Delta Aminolevulinate Ur 24H Coll	10 ml aliquot 24hr urine, light protected, freeze
D-Dimer	1 blue top, whole blood
D-Dimer	1 blue top, whole blood
Desipramine Level	1 red top, 1 ml serum, refrigerate
DHEA - Dehydroepiandrosterone	1 SST or red top, 2 ml serum, refrigerate
DHEAS - Dehydroepiandrosterone Sulfate	1 red top, 2 ml serum, refrigerate
Dialysis Hepatitis Profile	1 SST, 2 ml serum refrigerate
Dialysis Quarterly Panel	1 SST, 2 ml serum refrigerate
Dialysis: Ca/Phos	1 SST, 2 ml serum refrigerate
Diazepam Level	1 red top, 2 ml serum, refrigerate/freeze
Differential	1 lavender 1 ml whole blood, refrigerate
Differential	1 lavender 1 ml whole blood, refrigerate
Digoxin Level	1 red top, 2 ml serum, refrigerate

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Test Description	Specimen Requirements
Digoxin Level	1 red top, 2 ml serum, refrigerate
Diphtheria Toxoid Ab IgG	1 red top, 2 ml serum, refrigerate
Direct Coombs Test	3ml lavender top tube
Direct Coombs Test	6ml pink top tube
Direct Coombs Test Neonatal	3ml lavender top tube
Direct Coombs Test Neonatal	6ml pink top tube
Disopyramide	1 red top, 1 ml serum, refrigerate
DNA Double Strand Ab Screen	1 SST, 2 ml serum refrigerate
DNA Screen	1 SST, 2 ml serum refrigerate
DNA Single Strand Ab	1 red top, 2 ml serum, refrigerate
Doxepin Level	1 red top, 2 ml serum, refrigerate
DVVT	1 blue top, whole blood
D-Xylose Absorption, Urine	Random urine or 24 hr urine, 6N HCL

E	
Echinococcus Ab IgG	1 red top, 1 ml serum, refrigerate
Electrolyte Panel	1 SST, 2 ml serum, refrigerate
Electrolyte Panel	1 SST, 2 ml serum, refrigerate
Electrolyte Urine	10 ml urine, refrigerate
Electrolyte Urine	10 ml urine, refrigerate
Eosinophils	1 lavender 1 ml plasma, refrigerate
Eosinophils	1 lavender 1 ml plasma, refrigerate
Epstein-Barr Capsid IgG IFA	1 red top, 2 ml serum, refrigerate
Epstein-Barr Virus Capsid Ab IgG	1 red top, 2 ml serum, refrigerate
Epstein-Barr Virus Capsid Ab IgM	1 red top, 2 ml serum, refrigerate
Epstein-Barr Virus Capsid Ab IgM Fluid	1 ml fluid, refrigerate or freeze
Epstein-Barr Virus Early Ab	1 ml serum, refrigerate or freeze
Epstein-Barr Virus Nuclear Ab IgG	1 ml serum, refrigerate or freeze
Epstein-Barr Virus Ultra	Must be shipped within 24 hrs of draw, 1 lavender EDTA, whole blood, room temp
Erythrocyte Sedimentation Rate	1 lavender 1 ml plasma, refrigerate
Erythropoietin	1 SST, 2 ml serum, refrigerate

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Test Description	Specimen Requirements
Estradiol - E2	1 SST, 2 ml serum, refrigerate
Estradiol - E2	1 SST, 2 ml serum, refrigerate
Estradiol - E2	1 SST, 2 ml serum, refrigerate
Estriol - E3	1 SST, 2 ml serum, refrigerate
Estrogen	1 SST, 2 ml serum, refrigerate
Estrone - E1	1 red top or SST, 3 ml serum, refrigerate
Ethanol	1 SST , DO NOT REMOVE STOPPER
Ethanol	1 SST , DO NOT REMOVE STOPPER
Ethchlorvynol Confirmatory Gastric	Gastric fluid
Ethchlorvynol Confirmatory Ur	Random urine
Ethosuximide Level	1 red top, 1 ml serum, freeze
Ethylene Glycol	1 red top, 1 ml serum
Extractable Nuclear Ag (ENA) Antibodies	1 SST, 2 ml serum, refrigerate
Extractable Nuclear Ag (ENA) Antibodies	1 SST, 2 ml serum, refrigerate

<b>F</b>	
Factor II (PT) Gene Mutation	Lavender EDTA, 7 ml whole blood, room temperature
Fat Qualitative Stool	Random stool sample, refrigerate
Fat Qualitative Stool	Random stool sample, refrigerate
Fat Qualitative Ur	Stool sample, refrigerate
Fatty Acids Free	1 red top or SST, 2 ml serum, freeze
FDP - Fibrin + Fibrinogen Fragments	1 Blue top, whole blood
Fecal Fat Quantitative	72 hr stool collection, freeze
Felbamate Level	1 red top or SST, 1 ml serum, refrigerate
Ferritin	1 red top, 2 ml serum, refrigerate
Ferritin	1 red top, 2 ml serum, refrigerate
Fetal Screen	3ml lavender top tube
Fetal Screen	6ml pink top tube
Fibrinogen	1 blue top 1 ml plasma, freeze
Flecainide Level	1 red top, 1 ml serum, freeze
Fluoxetine & Norfluoxetine Level	1 red top, 2 ml serum, refrigerate

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Test Description	Specimen Requirements
Fluphenazine Level	4 ml serum, light protected, refrigerate
Folate	1 SST, 2 ml serum, refrigerate
Folate	1 SST, 2 ml serum, refrigerate
Folate RBC	1 lavender top EDTA, whole blood, refrigerate
Fructosamine	1 red top, 2 ml serum, refrigerate
FSH - Follitropin	1 red top, 2 ml serum, refrigerate

<b>G</b>	
Gabapentin Level	1 red top, 2 ml serum, refrigerate
Gastrin	1 red top, 2 ml serum, refrigerate
GC (Neisseria Gonorrhoeae) DNA	Gen Probe Collection Kit
GC Amplified Ur	GC Chlamydia transport
Gentamicin Peak Level	1 red top, 2 ml serum, refrigerate
Gentamicin Peak Level	1 red top, 2 ml serum, refrigerate
Gentamicin Random Level	1 red top, 2 ml serum, refrigerate
Gentamicin Random Level	1 red top, 2 ml serum, refrigerate
Gentamicin Trough Level	1 red top, 2 ml serum, refrigerate
Gentamicin Trough Level	1 red top, 2 ml serum, refrigerate
GGT - Gamma Glutamyl Transferase	1 SST, 2 ml serum, refrigerate
GGT - Gamma Glutamyl Transferase	1 SST, 2 ml serum, refrigerate
Giardia Lamblia Ab IgG	1 red top, 1 ml serum, refrigerate
Giardia Lamblia Ag Stool	stool sample, refrigerate
Gliadin Antibodies IgG IgA	1 red top, 2 ml serum, refrigerate
Glomerular Basement Membrane Ab	1 SST, 2 ml serum, refrigerate
Glucose	1 SST, 2 ml serum, refrigerate
Glucose	1 SST, 2 ml serum, refrigerate
Glucose CSF	CSF, 1 ml, freeze
Glucose CSF	CSF, 1 ml, freeze
Glucose Fasting	1 SST, 2 ml serum, refrigerate
Glucose Fasting	1 SST, 2 ml serum, refrigerate
Glucose Tolerance Test 2H	4 gray top, plasma, refrigerate

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Test Description	Specimen Requirements
Glucose Tolerance Test 2H	4 gray top, plasma, refrigerate
Glucose Tolerance Test 2H Post Prandial	1 SST, 2ml serum, refrigerate
Glucose Tolerance Test 2H Post Prandial	1 SST, 2ml serum, refrigerate
Glucose Tolerance Test 3H	5 gray top, plasma, refrigerate
Glucose Tolerance Test 3H	5 gray top, plasma, refrigerate
Glucose Tolerance Test 5H	6 gray top, plasma, refrigerate
Glucose Tolerance Test 5H	6 gray top, plasma, refrigerate
Glucose 6 Phos Dehydrogenase Quantitative	1 lavender EDTA, whole blood, refrigerate
Glucose- 6-Phos Dehydrogenase Qualitative	1 lavender EDTA, whole blood, refrigerate
Glutam Acid Decarboxy Abs	1 ml serum, refrigerate
Glutamine CSF	CSF, 1 ml, freeze
Glycogen Storage Disease Profile	1 lavender tube, 3 ml plasma, freeze
Granulocyte Ab	1 SST, 2 ml serum, refrigerate
Growth Hormone - Somatotropin	1 SST, 2 ml serum, refrigerate

H	
Haloperidol Level	1 SST, 2 ml serum, refrigerate
Haptoglobin	1 red top, 2 ml serum, refrigerate
HCG Qualitative - Choriogonadotropin	1 red top, 2 ml serum, refrigerate
HCG Qualitative - Choriogonadotropin	1 red top, 2 ml serum, refrigerate
HCG Quantitative - Choriogonadotropin	1 red top, 2 ml serum, refrigerate
HCG Quantitative - Choriogonadotropin	1 red top, 2 ml serum, refrigerate
Heavy Metal Screen 24H Ur	24 hr urine, refrigerate
Heavy Metal Screen Ur	1 random urine, refrigerate
Heavy Metal Screen WB	1 trace metal, EDTA, refrigerate
Helicobacter Pylori Ab	1 red top, 2 ml serum, refrigerate
Helicobacter Pylori Ab IgA	1 ml serum, refrigerate
Helicobacter Pylori Ab IgM	1 ml serum, refrigerate
Helicobacter Pylori Tissue - CLO Test	1 red top, 2 ml serum, refrigerate
Hematocrit	1 lavender tube, whole blood
Hemoglobin	1 lavender tube, whole blood
Hemoglobin A1c	1 lavender tube, 5 ml plasma

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Hemoglobin A1c	1 lavender tube, 5 ml plasma
Hemoglobin A2	1 lavender tube, 5 ml plasma
Hemoglobin and Hematocrit	1 lavender tube, 5 ml plasma
Hemoglobin Barts	1 lavender tube, 5 ml plasma
Hemoglobin Electrophoresis	1 lavender tube, 5 ml plasma
Hemoglobin F	1 lavender tube, whole blood
Hemoglobin Fetal RBC - KB Stain	1 lavender tube, whole blood
Hemoglobin H	1 lavender tube, 5 ml plasma
Hemogram	1 lavender tube, 5 ml plasma
Hemosiderin Ur	Random urine, refrigerate
Hepatic Function Panel	1 SST, 2 ml serum, refrigerate
Hepatic Function Panel	1 SST, 2 ml serum, refrigerate
Hepatitis A Total+Reflex IgM	1 SST, 2 ml serum, refrigerate
Hepatitis A Virus Ab IgM	1 SST, 2 ml serum, refrigerate
Hepatitis Acute Panel	1 SST, 2 ml serum, refrigerate
Hepatitis B Panel	1 SST, 2 ml serum, refrigerate
Hepatitis B Virus Core Ab	1 SST, 2 ml serum, refrigerate
Hepatitis B Virus Core Ab IgM	1 SST, 2 ml serum, refrigerate
Hepatitis B Virus DNA Qualitative	2 ml serum, freeze
Hepatitis B Virus DNA Quantitative	2 ml serum, freeze
Hepatitis B Virus e Ag	1 SST, 2 ml serum, refrigerate
Hepatitis B Virus Surface Ab	1 SST, 2 ml serum, refrigerate
Hepatitis B Virus Surface Ag	1 SST, 2 ml serum, refrigerate
Hepatitis C Virus Ab	1 SST, 2 ml serum, refrigerate
Hepatitis C Virus Ab RIBA	1 ml serum, refrigerate
Hepatitis C Virus RNA Qualitative	1 lavender EDTA, freeze
Hepatitis C Virus RNA Quantitative	1 red top, 2 ml serum, refrigerate
Hepatitis C Virus RNA Quantitative+Geno	1 yellow ACD , 2 ml plasma, freeze
Hepatitis Delta Virus Ab	1 ml serum, refrigerate
Hereditary Spherocytosis Screen	1 SST, 2 ml serum, refrigerate
Herpes Simplex Vir 1&2 IgGM CSF	Order HSV PCR send to WCHOB
Herpes Simplex Virus 1 Ab IgG	1 SST, 2 ml serum, refrigerate

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Herpes Simplex Virus 1 Ab IgM	1 SST, 2 ml serum, refrigerate
Herpes Simplex Virus 2 Ab IgG	1 SST, 2 ml serum, refrigerate
Herpes Simplex Virus 2 Ab IgM	1 SST, 2 ml serum, refrigerate
Herpes Simplex Virus DNA PCR	1 SST, 2 ml serum, refrigerate
Herpesvirus-6 Ab IgG	1 SST, 2 ml serum, refrigerate
Herpesvirus-6 Ab IgM	1 SST, 2 ml serum, refrigerate
Heterophile Ab (Mono Spot)	1 SST, 2 ml serum, refrigerate
Histone Ab	1 SST, 2 ml serum, refrigerate
Histoplasma Ab	1 red top, 1 ml serum, refrigerate
HIV P24 Antigen	1 SST, 2 ml serum, refrigerate
HIV P24 Antigen Neutralization	1 SST, 2 ml serum, refrigerate
HIV Ultra	1 SST, 2 ml serum, refrigerate
HIV Viral Load	1 SST, 2 ml serum, refrigerate
Homocysteine Plasma	1 lavender EDTA, refrigerate
HTLA Screen	1 pink top
HTLV 1&2 Abs	1 SST, 2 ml serum, refrigerate
11-Deoxycortisol	1 red top, 1 ml serum, refrigerate
17-Hydroxycorticosteroids Ur 24H Coll.	24 hr urine, refrigerate
17-Hydroxyprogesterone	1 red top, 2 ml serum, refrigerate
17-Ketosteroids Ur 24H Collection	24 hr urine, refrigerate
5-HIAA(5-Hydroxyindoleacetate) Ur 24h	24 hr urine, refrigerate
5'-Nucleotidase	1 red top, 2 ml serum, refrigerate
Hydroxyproline Free Ur 24H	24 hr urine, refrigerate

<b>I</b>	
ICN Panel (Chemistry)	1 SST, 2 ml serum, refrigerate
IEP/IFE Ser	1 red top, 2 ml serum, refrigerate
IEP/IFE Ur	10 ml urine, refrigerate
IgA	1 red top, 2 ml serum, refrigerate
IgD	1ml of serum freeze
IgE	1 SST, 2 ml serum, refrigerate
IgG	1 SST, 2 ml serum, refrigerate

**Residual diagnostic material available from most of these general chemistry laboratory tests**

<b>Test Description</b>	<b>Specimen Requirements</b>
IgG IgA IgM	1 SST, 2 ml serum, refrigerate
IgG Subclasses	1 SST, 2 ml serum, refrigerate
IgG/Albumin Ratio	1 SST, 2 ml serum, refrigerate
IgM	1 SST, 2 ml serum, refrigerate
Imipramine/Desipramine Level	1 SST, 2 ml serum, refrigerate
Immune Complex Assay C1Q Bind	1 SST, 2 ml serum, refrigerate
Immune Complex RAJI Cell	1 SST, 2 ml serum, frozen
Indicans Ur	random urine, freeze
Insulin	1 red top, 2 ml serum, freeze
Insulin Ab	1 red top, 1 ml serum, refrigerate
Insulin-Like Growth Factor	1 red top, 1 ml serum, refrigerate
Interferon-beta Ab	1 red top, 1 ml serum, refrigerate
Interleukin-2 Receptor Soluble	1 red top, 2 ml serum, freeze
Intrinsic Factor Ab	1 red top, 1 ml serum, refrigerate
Iron	1 red top, 2 ml serum, refrigerate
Iron + Iron Binding Capacity (TIBC)	1 red top, 2 ml serum, refrigerate
Islet Cell Ab IgG	1 red top, 1 ml serum, refrigerate
<b>J</b>	
JO-1 Ab IgG	1 ml serum, refrigerate
<b>K</b>	
Ketones	2 ml urine, red top tube
Ketones	2 ml urine, red top tube
<b>L</b>	
Lactate	1 grey top, refrigerate
Lactate, Whole Blood	5 ml whole blood, green top Na Heparin
Lactate CSF	1 ml CSF, room temp
Lactate Dehydrogenase	1SST, 2 ml serum, refrigerate
Lactate Dehydrogenase	1SST, 2 ml serum, refrigerate
Lamotrigine Level	1 red top, 1 ml serum, refrigerate

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Latex Specific Ab IgE	1 SST, 2 ml serum, refrigerate
Lead Bld	2 ml whole blood , lavender, tan top, or royal blue
Lead Ur 24H Collection	24 hr urine, refrigerate
Legionella pneumo Ab IgM	1 red top, 2 ml serum, refrigerate
Legionella pneumophilia Ag Ur	random urine, refrigerate
Leukocyte Alkaline Phosphatase	5 ml whole blood, green top Na Heparin
Leukocytes - WBC	1 lavender whole blood
LH - Lutropin	1 red top, 2 ml serum, refrigerate
LH - Lutropin	1 red top, 2 ml serum, refrigerate
Lipase	1 red top, 2 ml serum, refrigerate
Lipase	1 red top, 2 ml serum, refrigerate
Lipid Panel	1 SST, 2 ml serum, refrigerate
Lipid Panel	1 SST, 2 ml serum, refrigerate
Lipoprotein (a)	1 red top, 2 ml serum, refrigerate
Lithium Level	1 red top, 2 ml serum, refrigerate
Lithium Level	1 red top, 2 ml serum, refrigerate
Liver Ab Panel	1 red top, 2 ml serum, refrigerate
LSD Lysergate Diethylamide	10 ml aliquot urine, refrigerate
Lung Maturity	1 red top, 2 ml serum, refrigerate
Lupus Anticoagulant	1 red top, 2 ml serum, refrigerate and 1 blue top plasma, freeze
Lyme Antibodies by Western Blot	1 SST, 2 ml serum, refrigerate
Lyme Ab IgM	1 SST, 2 ml serum, refrigerate
Lyme Total Ab	1 SST, 2 ml serum, refrigerate
Lysozyme	1 SST, 2 ml serum, refrigerate
<b>M</b>	
Magnesium	1 SST, 2 ml serum, refrigerate
Magnesium	1 SST, 2 ml serum, refrigerate
Magnesium, random urine	random urine, refrigerate
Magnesium, random urine	random urine, refrigerate

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Magnesium RBC	1 royal blue trace metal EDTA , 1 ml whole blood, refrigerate
Magnesium Ur 24H Collection	10 ml urine, refrigerate
Magnesium Ur 24H Collection	10 ml urine, refrigerate
Manganese RBC	1 royal blue trace metal EDTA , 1 ml whole blood, refrigerate
Manganese WB	1 royal blue trace metal EDTA , 1 ml whole blood, refrigerate
MBP - Myelin Basic Protein CSF	2 ml CSF, freeze
Melanin Ur	10 ml urine, refrigerate
Mercury	1 royal blue EDTA , 1 ml whole blood, refrigerate
Mercury Ur 24H	24 hr urine, refrigerate
Metanephrine Ur 24h	24 hr urine, 25 ml aliquot, refrigerate
Metanephrines Plasma	lavender EDTA, 5 ml plasma, freeze
Methadone Ur	random urine, refrigerate
Methemoglobin Bld	Green, lavender or syringe filled completely deliver immediately to laboratory on ice
Methotrexate Level	1 red top, 2 ml serum, refrigerate
Methylmalonic Acid	3 ml serum, freeze
Mexiletine Level	1 red top, 2 ml serum, refrigerate
Microalbumin Ur	2 ml urine
Microalbumin Ur 24H Collection	24 hr urine, refrigerate
Mitochondria Ab (AMA)	1 red top, 2 ml serum, refrigerate
Morphology	1 lavender EDTA, refrigerate
Morphology	1 lavender EDTA, refrigerate
Motor&Sensory Neuropathy	3 ml serum, refrigerate
Mumps Virus Ab IgG	1 red top, 2 ml serum, refrigerate
Mycoplasma Ab IgM	1 SST, 2 ml serum, refrigerate
Mycoplasma Pneumonia Ab	1 red top, 2 ml serum, refrigerate
Myeloperoxidase Ab IgG	1 red top, 2 ml serum, refrigerate
Myeloperoxidase Stain Abs & %	1 Green top Na Heparin, room temp

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Myeloperoxidase Total Ab	1 SST, 4 ml plasma, refrigerate
Myoglobin	1 ml serum, refrigerate
Myoglobin Ur Qualitative	random urine, refrigerate
Myoglobin Ur Quantitative	random urine, refrigerate
Myoglobinuria Profile	

<b>N</b>	
NAPA	1 red top
NAPA	1 red top
NBT (Nitro BlueTetrazolium)	1 lavender top or 1 Green Na Heparin, room temp
Neisseria Gonorrhoea Ag Ur	random urine, freeze
Neonatal Type and Screen	3ml lavender top tube
Neonatal Type and Screen	6ml pink top tube
Nicotine & Metabolite Quantitative	2 ml serum refrigerate or freeze
Nortriptyline Level	1 red top, 2 ml serum, refrigerate

<b>O</b>	
O2 Saturation Measured	Green, lavender or syringe filled completely deliver immediately to laboratory on ice
Occult Blood - Hemoglobin GI Stool	Occult Blood Card
Occult Blood - Hemoglobin GI Stool	Occult Blood Card
Oligoclonal Banding CSF + Ser	Serum and CSF 1 ml, refrigerate
Opiate (Morph, Codeine) Confirm	Random urine, refrigerate
Opiates	Random urine, refrigerate
Osmolality	1 red top, 2 ml serum, refrigerate
Osmolality Ur	10 ml urine, refrigerate
Osmotic Fragility	1 green top with Na Hep, whole blood
Osteocalcin	1 red top, 2 ml serum, refrigerate

<b>P</b>	
P-ANCA Titer	1 red top, 2 ml serum, refrigerate

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
P-ANCA Titer GI	1 SST, serum, refrigerate
Pancreatic Function Assays	
Parainfluenza Virus Ab Quantitative	1 SST, serum, refrigerate
Parietal Cell Ab	1 red top, 2 ml serum, refrigerate
Paroxetine Level	1 red top, 2 ml serum, refrigerate
Parvovirus B19 Ab IgG IgM	1 ml serum, refrigerate
Pemphigoid Ab	1 SST, 2 ml serum, refrigerate
Pemphigus Ab	1 SST, 2 ml serum, refrigerate
Phencyclidine	10 ml urine, refrigerate
Phenobarbital Level	1 red top, 2 ml serum, refrigerate
Phenytoin (Dilantin) Level	1 SST, 2 ml serum, refrigerate
Phenytoin (Dilantin) Level	1 SST, 2 ml serum, refrigerate
Phenytoin Free Level	1 SST, 2 ml serum, refrigerate
Phenytoin Free Level	1 SST, 2 ml serum, refrigerate
Phosphate	1 SST, 2 ml serum, refrigerate
Phosphate	1 SST, 2 ml serum, refrigerate
Phosphatidylserine IgG IgA IgM	1 ml serum, freeze
Phosphorus Ur	10 ml urine, refrigerate
Phosphorus Ur	10 ml urine, refrigerate
Phosphorus Ur 24H Collection	15 ml aliquot urine, refrigerate
Phosphorus Ur 24H Collection	15 ml aliquot urine, refrigerate
PKU - Phenylalanine & Tyrosine Qt Plasma	1 Green top Na Heparin, 2 ml plasma, freeze
Plasminogen Activator Inhib 1	1 blue top, citrate, 1 ml plasma freeze
Platelet Aggregation	2 blue tops, 3 ml plasma, refrigerate
Platelet Circulating+Bound Ab	1 lavender top tube, 5 ml whole blood , room temp
Platelet Count	1 lavender top tube, 5 ml whole blood , refrigerate
Platelet Count	1 lavender top tube, 5 ml whole blood , refrigerate
PM-Scl Ab	1 ml serum, refrigerate
Pneumococcal Ab Types 3,7,9,14	2 ml serum, refrigerate

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Poliovirus Ab	1 ml serum, refrigerate
Polychlorinated Biphenyls	1 lavender, whole blood, glass container room temp
Porphobilinogen Ur 24H Collection	24 hr urine, light protected, freeze
Porphobilinogen Ur Qualitative	Random Urine, light protected, freeze
Porphyryns Fract Quantitative 24H Ur	24 hr urine, light protected, freeze
Porphyryns Fract Quantitative Plasma	1 green top, heparinized, 3 ml plasma, freeze
Porphyryns Ur	random urine, light protected, freeze
Potassium	1 SST, 2 ml serum, refrigerate
Potassium	1 SST, 2 ml serum, refrigerate
Potassium Ur	random urine, refrigerate
Potassium Ur	random urine, refrigerate
Potassium Ur 24H Collection	15 ml aliquot urine, refrigerate
Potassium Ur 24H Collection	15 ml aliquot urine, refrigerate
Prealbumin	1 SST, 2 ml serum, refrigerate
Pregnancy Test , Qualitative	1 SST, 2 ml Urine
Pregnancy Test , Qualitative	1 SST, 2 ml Urine
Pregnenolone	4 ml of serum , must be separated within 1 hour of draw and freeze
Primidone Level	1 SST, 2 ml serum, refrigerate
Procainamide Level	1 SST, 2 ml serum, refrigerate
Procainamide Level	1 SST, 2 ml serum, refrigerate
Progesterone	1 SST, 2 ml serum, refrigerate
Proinsulin Plasma	1 lavender EDTA, 1 ml plasma, freeze
Prolactin	1 SST, 2 ml serum, refrigerate
Prolactin-Mammotropin	1 SST, 2 ml serum, refrigerate
Propoxyphene Ur	10 ml urine, refrigerate
Protein	1 SST, 2 ml serum, refrigerate
Protein	1 SST, 2 ml serum, refrigerate
Protein C Activity	1 blue top tube, 2 ml plasma, freeze (2) .5 ml aliquots
Protein Electrophoresis Serum SPEP	1 red top, 2 ml serum, refrigerate

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Protein Electrophoresis UPEP	random urine, refrigerate
Protein S Free Antigen	1 blue top tube, 2 ml plasma, refrigerate
Protein S Total + Free Ag	1 blue top tube, 2 ml plasma, refrigerate
Protein Urine	random urine, refrigerate
PSA - Prostate Specific Ag	1 SST, 2 ml serum, refrigerate
PSA Screen	1 SST, 2 ml serum, refrigerate
PSA - Total & Free	1 SST, 2 ml serum, refrigerate
PT - Prothrombin Time w/ INR	1 blue top, 1 ml plasma, freeze
PTH Related Protein	1 lavender EDTA, 1 ml plasma, freeze
PTH-Parathyroid Hormone Intact	1 SST, 2 ml serum, refrigerate
Pyruvate Bld	Pyruvate tube with

<b>Q</b>	
Quinidine Level	1 SST, 2 ml serum, refrigerate
Quinidine Level	1 SST, 2 ml serum, refrigerate

<b>R</b>	
	1 lavender EDTA, 5 ml whole blood, room temp
RAR-Alpha/PML Gene Rearrange	1 lavender EDTA, 5 ml whole blood, room temp
RAST Aspergillus fumigatus IgE	1 ml serum, refrigerate
RAST Northeast Panel & Ttl IgE	4 ml serum, refrigerate
RBC Phenotype Test	3ml lavender top tube
RBC Phenotype Test	6ml pink top tube
Reducing Substances Stool	10 grams stool, freeze
Reducing Substances Ur	Random urine, refrigerate
Renin	1 lavender top tube, 5 ml whole blood, room temp
Renin Inferior Vena Cava	1 lavender top tube, 5 ml whole blood, room temp
Renin Left Renal Vain	1 lavender top tube, 5 ml whole blood, room temp

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Renin Right Renal Vein	1 lavender top tube, 5 ml whole blood, room temp
Reticulocyte Count	1 lavender top tube, 5 ml whole blood, freeze
Reticulocyte Count	1 lavender top tube, 5 ml whole blood, freeze
Rh Phenotype Test	3ml lavender top tube
Rh Phenotype Test	6ml pink top tube
Rheumatoid Factor	1 red top, 2 ml serum, refrigerate
Ribosomal P Protein Ab IgG	1 ml serum, refrigerate
RNP Extractable Nuclear Ab	1 red top, 2 ml serum, refrigerate
RPR - Reagin Ab	1 red top, 2 ml serum, refrigerate
Rubella Virus Ab IgG	1 SST, 2 ml serum, refrigerate
Rubella Virus Ab IgM Quantitative	1 red top, 2 ml serum, refrigerate
Rubella Virus Ab IgM Quantitative	1 ml serum, refrigerate
Rubeola Virus Ab IgG	1 red top, 2 ml serum, refrigerate

S	Specimen Requirements
Saccharomyces cerev Ab IgG IgA	1 red top, 2 ml serum, refrigerate
Salicylate Level	1 SST, 2 ml serum, refrigerate
Salicylate Level	1 SST, 2 ml serum, refrigerate
Semen Analysis	Sterile container, semen
Sensory Neuropathy	2.5 ml serum, refrigerate
Serine Protease IgG	1 SST, 2 ml serum, refrigerate
Serine Protease Total Ab	1 SST, 2 ml serum, refrigerate
Serotonin Bld	1 lavender EDTA, 2 ml whole freeze
Sertraline Level	1 red top, 3 ml serum, refrigerate
Sex Hormone Binding Globulin	1 ml serum, refrigerate
Sickle SC	1 lavender top tube, EDTA whole blood
Sinemet Level	4 ml serum, light protected, freeze
Sirolimus Level	1 lavender EDTA, 4 ml whole blood, refrigerate
Sjogren Antibodies (SSA + SSB)	1 red top, 2 ml serum, refrigerate
Sjogrens Syndrome-A ENA	1 red top, 2 ml serum, refrigerate

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Sjogrens Syndrome-B ENA	1 red top, 2 ml serum, refrigerate
Skin Ab Screen	1 SST, 2 ml serum, refrigerate
Smith Extractable Nuclear Ab	1 SST, 2 ml serum, refrigerate
Smooth Muscle Ab	1 SST, 2 ml serum, refrigerate
Sodium	1 SST, 2 ml serum, refrigerate
Sodium	1 SST, 2 ml serum, refrigerate
Sodium Ur 24H Collection	15 ml aliquot urine, refrigerate
Sodium Ur 24H Collection	15 ml aliquot urine, refrigerate
Sodium Urine	10 ml urine, refrigerate
Sodium Urine	10 ml urine, refrigerate
Somatostatin	1 lavender EDTA, 4 ml plasma, freeze
Specific Gravity Ur	2 ml urine, refrigerate
Specific Gravity Ur	2 ml urine, refrigerate
Stone Analysis, Kidney	Stone, Refrigerate or room temp
Streptolysin O Ab	1 red top, 2 ml serum, refrigerate
Striational Total Ab	1 ml serum, refrigerate
Sucrose Hemolysis	1 Blue top
Sulfonylurea Hypoglycemics Sc	2 ml serum, refrigerate

T	
T3 Free - Triiodothyronine Free	1 SST, 2 ml serum, refrigerate
T3 -Triiodothyronine Total	1 SST, 2 ml serum, refrigerate
T3 -Triiodothyronine Total	1 SST, 2 ml serum, refrigerate
T3R - Triiodothyronine Reverse	1 SST, 2 ml serum, freeze
T4 - Thyroxine	1 red top, 2 ml serum, refrigerate
T4 - Thyroxine	1 red top, 2 ml serum, refrigerate
T4 Free - Thyroxine Free	1 red top, 2 ml serum, refrigerate
T4 Free - Thyroxine Free	1 red top, 2 ml serum, refrigerate
Tacrolimus - FK506 Bld Level	1 lavender tube, 5 ml whole blood, refrigerate
Testosterone	1 red top, 2 ml serum, refrigerate
Testosterone Free + Total	1 red top, 2 ml serum, refrigerate
Tetanus Toxoid Ab IgG	1 red top, 2 ml serum, refrigerate

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Thalassemia Screen	1 lavender top, refrigerate
THC-Tetrahydrocannabinol Gastric	Gastric Fluid, refrigerate
THC-Tetrahydrocannabinol Urine	10 ml urine, refrigerate
Theophylline Level	1 red top, 2 ml serum, refrigerate
Theophylline Level	1 red top, 2 ml serum, refrigerate
Thiocyanate Level	4 ml serum, refrigerate
Thyroglobulin Ab	1 SST, 2 ml serum, refrigerate
Thyroglobulin Quantitative	1 SST, 2 ml serum, refrigerate
Thyroid Ab	1 SST, 2 ml serum, refrigerate
Thyroid Binding Globulin	1 SST, 2 ml serum, refrigerate
Thyroid Microsomal Ab	1 SST, 2 ml serum, refrigerate
Thyroid Stimulating Hormone (TSH)	1 SST, 2 ml serum, refrigerate
Thyroid Stimulating Hormone (TSH)	1 SST, 2 ml serum, refrigerate
Thyrotropin Receptor Ab	1 ml serum, refrigerate
Tiagabine Level	2 ml serum, refrigerate
Tissue Transglutaminase Ab IgA	1 SST, 2 ml serum, refrigerate
Tobramycin Peak Level	1 SST, 2 ml serum, refrigerate
Tobramycin Random Level	1 SST, 2 ml serum, refrigerate
Tobramycin Trough Level	1 SST, 2 ml serum, refrigerate
Topiramate Level	1 SST, 2 ml serum, refrigerate
Toxicology Com Poison Panel Gastric	Gastric Fluid, refrigerate
Toxicology Com Poison Panel Urine	Random urine, refrigerate
Toxicology Analysis Serum	1 red top, 2 ml serum, refrigerate
Toxicology Emergency Screen Urine	Random urine, refrigerate
Toxicology Panel w/confirmation Urine	Random urine, refrigerate
Toxicology Rehabilitation Panel Urine	Random urine, refrigerate
Toxoplasmosis IgG Ab	1 SST, 2 ml serum, refrigerate
Toxoplasmosis IgM Ab	1 SST, 2 ml serum, refrigerate
Transferrin	1 SST, 2 ml serum, refrigerate
Transfusion Reaction	3 ml lavender top tube
Transfusion Reaction	6 ml pink top tube
Trazodone Level	1 SST, 2 ml serum

**Residual diagnostic material available from most of these general chemistry laboratory tests**

<b>Test Description</b>	<b>Specimen Requirements</b>
Treponema Pallidum Ab IgG	1 SST, 2 ml serum, refrigerate
Tricyclic Antidepressants - TCA	1 SST, 2 ml serum, refrigerate
Tricyclic Antidepressants Ur	10 ml urine, refrigerate
Triglyceride	1 SST, 2 ml serum, refrigerate
Triglyceride	1 SST, 2 ml serum, refrigerate
Troponin I Cardiac	1 SST, 2 ml serum, refrigerate
Tryptase	1 ml serum, refrigerate/freeze
Tumor Necrosis Factor Alpha Pl	1 green top heparinized, 2 ml plasma, refrigerate
Type and Screen	3ml lavender top tube
Type and Screen	6ml pink top tube

<b>U</b>	
Uric Acid	1 SST, 2 ml serum, refrigerate
Uric Acid	1 SST, 2 ml serum, refrigerate
Urate	1 SST, 2 ml serum, refrigerate
Urate Ur	Random urine, refrigerate
Urate Ur	Random urine, refrigerate
Urate Ur 24H Collection	24 hr urine, refrigerate
Urate Ur 24H Collection	24 hr urine, refrigerate
Urea Nitrogen Ur	Random urine, refrigerate
Urea Nitrogen Ur	Random urine, refrigerate
Urea Nitrogen Ur 24H Collection	24 hr urine, refrigerate
Urea Nitrogen Ur 24H Collection	24 hr urine, refrigerate
Urinalysis	10 ml urine, refrigerate
Urinalysis	10 ml urine, refrigerate
Urinalysis Microscopic Only	10 ml urine, refrigerate
Urinalysis Microscopic Only	10 ml urine, refrigerate
Urinalysis w/ Microscopy	10 ml urine, refrigerate
Urinalysis w/ Microscopy	10 ml urine, refrigerate

<b>V</b>	

## Residual diagnostic material available from most of these general chemistry laboratory tests

Test Description	Specimen Requirements
Valproate Level	1 SST, 2 ml serum, refrigerate
Valproate Level	1 SST, 2 ml serum, refrigerate
Vancomycin Peak Level	1 SST, 2 ml serum, refrigerate
Vancomycin Peak Level	
Vancomycin Random Level	1 SST, 2 ml serum, refrigerate
Vancomycin Random Level	1 SST, 2 ml serum, refrigerate
Vancomycin Trough Level	1 SST, 2 ml serum, refrigerate
Vancomycin Trough Level	1 SST, 2 ml serum, refrigerate
Vanillylmandelic Acid Ur 24h	24 hr urine 6N HCL, 20 ml aliquot, refrigerate
Varicella Virus Ab IgG	1 red top, 2 ml serum, refrigerate
Varicella Virus Ab IgM	1 ml serum, refrigerate
VDRL CSF	CSF
VIP -Vasoactive Intestinal Peptide Plasma	1 lavender EDTA, trasyol, 2 ml freeze
Viscosity	1 red top, 2 ml serum, refrigerate
Viscosity Fluid	1 red top, 2 ml serum, refrigerate
Vitamin A - Retinol	1 red top, 2 ml serum, refrigerate
Vitamin B1 - Thiamine	4 ml serum, light protected freeze
Vitamin B1 - Thiamine WB	1 green top heparinized, whole blood, light protected
Vitamin B12 - Cyanocobalamin True	1 SST, 2 ml serum, refrigerate
Vitamin B12/Folate	1 SST, 2 ml serum, refrigerate
Vitamin B6 - Pyridoxal Phosphate	1 lavender EDTA , 1 ml plasma, light protected, freeze
Vitamin C - Ascorbate	1 ml serum, light protected, freeze
Vitamin D 1,25 Dihydroxy	4 ml serum, refrigerate
Vitamin D 25-Hydroxy	1 ml serum, refrigerate
Vitamin E	1 ml serum, light protected, freeze
Vitamin K	1 ml serum, light protected, freeze
Voltage-Gated Calc Chan Ab IgG	2 ml serum, refrigerate
Von Willebrand Factor Multimer	1 blue top, 2 ml plasma, freeze
Von Willebrand Factor Panel	1 blue top, 2 ml plasma, freeze

**Residual diagnostic material available from most of these general chemistry laboratory tests**

<b>Test Description</b>	<b>Specimen Requirements</b>
<b>W, X, Y</b>	
<b>Z</b>	
Zinc	royal blue , 2 ml serum freeze
Zinc RBC	royal blue , whole blood, refrigerate