

LABORATORY- SPECIMEN TUBE TYPE

BLOOD BANK

These specimens for Blood Bank require special training and can only be collected by trained RRMCC staff.

- ABO Type
- Antibody Screen
- Cross Match (Typhenex Band)
- Hold Clot
- RH Type
- Rhogam Work up
- Type and Screen



Lavender EDTA
[Refrigerate & Do Not Spin]
4mL tube requires 2mL minimum
2mL tube requires 1mL minimum

- ABORH Newborn
- DAT
- Dir. Coombs

COAGULATION



Blue Sodium Citrate
[Room Temp & Do Not Spin]
MUST fill to within triangle marker

- D-Dimer
- DIC (add Lavender)
- Anti Xa (draw at RRMCC only)
- Fibrinogen
- Prottime (PT/INR)
- PTT
- Thrombin Time

HEMATOLOGY



Lavender EDTA [Do Not Spin]
[Room Temp or Refrigerate]
4mL tube requires 2mL minimum
2mL tube requires 1mL minimum

- CBC
- DIC (+ Blue Top)
- H&H
- Immature Platelet Fraction
- Monoscreen
- Platelet Count
- Retic Count
- Sed Rate (ESR)
- WBC Count

CHEMISTRY



Green Gel Separator
[Spin & Refrigerate within 2 hrs]

- Acetaminophen
- Acetone
- Albumin
- Alcohol
- Alkaline Phosphatase
- ALT
- Amylase
- AST
- Basic Metabolic Panel
- Bilirubin Direct or Total
- BUN
- C3 & C4 Complement
- CA 125
- Calcium
- Carbamazepine (Tegretol)
- Carcinoembryonic Ab (CEA)
- Cholesterol (HDL, LDL or Total)
- CK
- CKMB
- Comprehensive Metab. Panel
- Creatinine
- C Reactive Protein
- Digoxin
- Dilantin (Phenytoin)
- Ferritin
- Folate
- FSH
- Gentamicin
- GGT
- Glucose
- HCG Quantitative
- Hepatic Function Panel
- High Sensitivity CRP
- IgA, IgG, IgM
- Iron/TIBC
- LDH **[keep Room Temp]**
- LH
- Lipase
- Lipid Profile
- Lytes
- Magnesium
- NT-proBNP
- Phenobarbital
- Phosphorus
- Prolactin
- PSA
- Renal Panel
- Rheumatoid Factor
- Salicylate
- T3 Free & T4 Free
- T4 Total
- Theophylline
- Total Protein
- Triglycerides
- Troponin
- TSH (NOT for Cascade)
- Uric Acid
- Valproic acid
- Vancomycin
- VB12

CHEMISTRY (cont.)



Lavender EDTA [Do Not Spin]
4mL tube requires 2mL minimum
2mL tube requires 1mL minimum

HGB A1C



Gold Gel Separator
[Clot 30 mins, then Spin & Refrigerate within 2 hrs]

- CCP Abs
- Cortisol
- Estradiol
- Haptoglobin
- Hepatitis Acute Panel (2 tubes)
- HIV 1/2 Ab
- Lithium
- Lyme Serology or Western Blot
- Mumps Ab
- Rubella Ab
- Rubeola (Measles) Ab
- Procalcitonin
- Progesterone
- PTH Intact
- Syphilis Ab
- T3 Total
- Thyroid (TSH) Cascade
- Varicella zoster Ab
- Vitamin D (25-Hydroxy)



Green Lithium Heparin
[ON ICE, STAT TO LAB WITHIN 15 MINUTES]

- Ammonia
- Carboxyhemoglobin
- Critical Care Panel (CCP)
- Ionized Calcium
- (included in CCP)
- Lactate
- (included in CCP)
- Arterial Blood Gas
- Venous Blood Gas
- (included in CCP)

Mix all tubes immediately after draw with 7-10 gentle inversions.

802.747.1771

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REFERENCE (Send-outs)

Send-out testing may require special handling procedures and specific volumes. Please call 747-1794 for confirmation.



9 mL

Plain Red [Clot 30 mins, then Spin/Sep./Refrig. within 2 hrs]

17 -Hydroxyprogesterone
Aldolase
Aldosterone
Androstenedione
Angiotensin Converting Enzyme
Beta 2 Microglobulin
C1 Esterase Inhibitor Functional
CA 15-3
Calcitonin Level
Candida IgG, IgA, IgM Ab Panel
Chromogranin A
Clozapine (Clozaril)
Complement Total
Infliximab Quantitation
Levetiracetam (Keppra)
Lipoprotein
Mycoplasma pneumoniae Ab
Olanzapine (Zyprexa)
Phenytoin T&F
Serotonin
Testosterone, T&F
Trazodone Level
Tricyclic Antidepressants
Topiramate (Topamax)
Vitamins A, E, & K



5mL

Gold Gel Separator [Clot 30 mins, then Spin & Refrigerate within 2 hrs]

Acetylcholine Receptor Binding Ab
Alkaline Phosphatase Isoenzymes
Allergens
Alpha 1 Antitrypsin
Alpha Feto Protein
Antineutrophil Cytoplasmic Ab ANCA
Antinuclear Ab Screen (ANA)
Anti-Streptolysin O
Beta-Carotene (light protect)
CA 19-9
CA 27-29
Cardiolipin Ab
Celiac Serology
Ceruloplasmin
Cytomegalovirus CMV IgG
C-Peptide
DHEAS
Epstein Barr Virus Ab Panel
Erythropoietin
Estrogens
Herpes Simplex Virus Ab
Hypersensitivity Pneumo Panel IgG
IgE
IgG Subclasses
Immunoglobulin Free Light Chains
Insulin
Ionized Calcium (**DO NOT OPEN**)
Lamotrigine (Lamictal)
Mitochondrial Ab
Osmolality
Oxcarbazepine (Trileptal)
Parvovirus B19 Abs
Prealbumin
Protein Electrophoresis
PSA Total & Free
Single Stranded DNA Antibody
Smooth Muscle Ab
Thyroglobulin Tumor Marker
Thyroid Abs
Thyroid Peroxidase
TICK ANTIBODY Panel (NOT DNA)
Tissue Transglutaminase
Tobramycin
Toxoplasma Ab
Transferrin



3 mL

Blue Sodium Citrate MUST fill to within triangle marker

[Call for special handling]
AT3 Functional (2 Tubes)
Factor 2 (II) (2 Tubes)
Factor 8 (VIII) (2 Tubes)
Factor 9 (IX) (2 Tubes)
Factor 11 (XI) (2 Tubes)
Factor 12 (XII) (2 Tubes)
Lupus Anticoagulant Profile (7 Tubes)
Protein C&S (2 Tubes)



4mL

Green Lithium Heparin

Chromosome Analysis 6mL
[Do not spin-Room Temperature]
Pyridoxal 5-Phosphate (Vitamin B6)
[Call for special handling]



4 mL



2 mL

Lavender EDTA

4mL tube requires 2mL min.
2mL tube requires 1mL min.

Unless otherwise noted: Refrigerate and Do Not Spin

ACTH [draw at RPMC only]
CD4 T-Cell [Room Temp]
Cyclosporine
FK506 (Tacro.)
Hemochrom HFE [Room Temp]
HIV1 Quantitative (2 Tubes) [Spin, Sep, & Freeze]
HLA B27 [Room Temp]
Homocysteine [Spin, Sep, & Frz]
JAK2 [Room Temp]
Lead
Sirolimus (Rapa)
TICK Borne DNA Panel
Vitamin B1 (Thiamine) **Overnight Fast, light protect whole blood in amber vial and freeze immediately.**



6mL

Royal Blue (for Metals)

MONOJECT (no additive)
Trace Elements in serum
Specimen should only be collected at RPMC Blood Draw Station.

MONOJECT EDTA
Trace Elements in whole blood
[Do Not Spin - Refrigerate]



6mL

ACD Solution B Tube [Do Not Spin]

Cystic Fibrosis Carrier
Factor 5 (V) Leiden Mutation
MethyleneTetraHydroFol Red Mut
PT G20210A Mutation
Tay Sachs (2 full tubes)

Order of draw for multiple tube collections and all departments:

Blood Cultures – **Blue - Gold - Red - Green - Lavender**

FIRST

LAST