

LABORATORY- SPECIMEN TUBE TYPE

BLOOD BANK

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

Please call Blood Bank before
collecting at ext. 1809

- *ABO/Rh
- *Antibody Screen
- *Blood Bank RBC, PLT, FFP,
CRYO, RHOGAM
- *DAT
- *Hold Clot
- *Type and Screen



4 mL 2 mL
Grenier or BD Lavender EDTA
4mL tube requires 2mL minimum
2mL tube requires 1mL minimum

ABORH Newborn, DAT, Dir. Coombs

COAGULATION



3 or 2.7 mL 2 or 1.8 mL
Grenier or BD Light Blue Sodium Citrate
-Grenier **MUST** fill to within triangle
marker

-BD must fill to top of label

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

HEMATOLOGY



4 mL 2mL
Grenier or BD Lavender EDTA
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

PLEASE SEE LABORATORY TEST

CATALOG <https://rrmcclab.testcatalog.org/>
FOR ADDITIONAL ACCEPTABLE TUBE
TYPES

CHEMISTRY



3 or 5 mL **Grenier or BD**
Green/Yellow or Light Green
Gel Separator

- Acetaminophen
- Acetone
- Albumin
- Alkaline Phosphatase
- ALT
- Amylase
- AST
- Bilirubin Direct or Total
- BMP (*fasting recommended*)
- BUN
- C3 & C4 Complement
- CA 125
- Calcium
- Carbamazepine (Tegretol)
- Carcinoembryonic Ab (CEA)
- Cholesterol (HDL, LDL Total)
- CK
- CMP (*fasting recommended*)
- Cortisol
- Creatinine
- C Reactive Protein
- Digoxin
- Dilantin (Phenytoin)
- Ferritin
- FSH
- Gentamicin
- GGT
- Glucose (*fasting recommended*)
- HCG Quantitative
- Haptoglobin
- Hepatic Function Panel
- High Sensitivity CRP
- High Sensitivity Troponin
- Iron/**TIBC**
- LDH [**keep Room Temp**]
- LH
- Lipase
- Lipid Profile (*fasting recommended*)
- Lytes
- Magnesium
- NT-proBNP
- Phenobarbital
- Phosphorus
- Prolactin
- Procalcitonin
- PSA
- Renal Panel (*fasting recommended*)
- Salicylate
- T3 Free & T4 Free
- T4 Total
- Transferrin
- Total Protein
- Triglycerides
- TSH
- TSH Cascade
- Uric Acid
- Valproic acid
- Vancomycin
- Vitamin D Total (25 hydroxy)
- VB12

CHEMISTRY (cont.)



4 mL 2 mL
Grenier or BD Lavender EDTA
4mL tube requires 2mL minimum
2mL tube requires 1mL minimum

Ammonia (deliver to lab on ice within 15 minutes)
HGB A1C



5 mL
Grenier or BD Gold Gel Separator

- CCP Abs
- Estradiol
- Folate
- Hepatitis Acute Panel (2 tubes)
- HIV Ab 1/2 & p24 Ag
- Lithium
- Lyme Serology or Western Blot
- Mumps Ab
- Rubella Ab
- Rubeola (Measles) Ab
- Progesterone
- Syphilis Ab
- T3 Total
- Varicella zoster Ab



4 mL
Grenier or BD

Dark Green Lithium Heparin

(ON ICE, STAT TO LAB WITHIN 15 MINUTES)

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

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Reference Testing (Send outs):

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



9 or 10 mL

Grenier or BD Plain Red

Aldolase
Aldosterone
Angiotensin Converting Enzyme
Beta 2 Microglobulin
C1 Esterase Inhibitor Functional
CA 15-3
Calcitonin Level
Clozapine (Clozaril)
Complement Total
Lipoprotein
Phenytoin T&F
Serotonin
Trazodone Level



5mL

Grenier or BD Gold Gel Separator

Acetylcholine Receptor Binding Ab
Alkaline Phosphatase Isoenzymes
Alpha 1 Antitrypsin
Antineutrophil Cytoplasmic Ab ANCA
Beta-Carotene (**light protect**)
CA 19-9
CA 27-29
Cardiolipin Ab
Celiac Disease Serology Cascade
Celiac Disease Comprehensive
Cascade Ceruloplasmin
Cytomegalovirus CMV IgG
Epstein Barr Virus Ab Panel
Erythropoietin
Herpes Simplex Virus Ab
Hypersensitivity Pneumo Panel IgG
IgE
IgG Subclasses
Immunoglobulin Free Light Chains
Insulin
Ionized Calcium (**DO NOT OPEN**)
Keppra (Levetiracetam)
Lamotrigine (Lamictal)
Mitochondrial Ab
Osmolality
Prealbumin
Protein Electrophoresis
Thyroglobulin Tumor Marker
Thyroid Abs
Thyroperoxidase
TICK ANTIBODY Panel (NOT DNA)
Tobramycin



3 or 2.7 mL

Grenier or BD Light Blue Sodium Citrate

-**Grenier** MUST fill to within triangle marker

-**BD** must fill to top of label

[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)



4 mL

2 mL

Grenier or BD Lavender EDTA

4mL tube requires 2mL min.

2mL tube requires 1mL min.

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



6mL

ACD Solution B Tube [Do Not Spin]

Celiac Comprehensive Cascade
Cystic Fibrosis Carrier
Factor 5 (V) Leiden Mutation
MethyleneTetraHydroFolate Red Mut
PT G20210A Mutation
Tay Sachs (2 full tubes)

Order of draw for multiple tube collections:

FIRST Blood Cultures – **Blue -Red - GOLD - Green/Yellow- Sodium heparin- Lavender -Yellow ACD** **LAST**