

| Lab Test | Volume | Lab Test | Volume | Lab Test | Volume | Lab Test | Volume | |
|--|---|--|----------------------------|--|----------------------|---|---|----------|
|  Greiner Green Top Minicollect Tube | |  BD Lavender Top Microtainer - EDTA | |  Heparinized Radiometer Capillary Tube | |  BD Blue Top 1.8 mL Draw-Sized | | |
| Basic Metabolic Panel* | Any combination of up to 6 of these tests: Submit 0.25 mL | CBC, Differential, Reticulocytes, Platelets | 0.5 mL | Blood Gas, Ionized Calcium, Glucose, Lactate | 1 full tube (125 uL) | Any combination of the following: Prothrombin Time PTT D-Dimer Thrombin Time | 1.8 mL <u>Do not overfill or underfill</u> | |
| Comprehensive Metabolic Panel** | Any combination of more than 6 tests: Submit 0.3 mL | Neonatal Protocol Type & Screen Direct & Indirect Coombs | 0.8 mL | Glucose, Whole Blood | 60% full | | | |
| Electrolytes | | Parvovirus PCR CMV PCR HIV PCR (1.0 mL acceptable, but decreases sensitivity) | 1.0 mL 1.0 mL 2.0 mL |  Tuberculin ABG Syringe w/ Balanced Heparin | |  BD Red Top Vacutainer, Clot Activator NO GEL | | |
| Phosphorus | | | | Toxoplasma gondii PCR | 1.0 mL | Blood Gas, Ionized Calcium, Lactate, Glucose | 0.3 mL | Caffeine |
| Magnesium | | | | | | | Cortisol | 0.5 mL |
| CRP | | | | | | Free T4 (by equilibrium dialysis) | 1.0 mL | |
| GGT | | | | | | Vitamin D, 25-hydroxy | 0.5 mL | |
| Phenobarbital | | | | | | | | |
| Triglycerides | | | | | | | | |
| Vancomycin | | | | | | | | |
| TSH | 0.5 mL | | | | | | | |
| Gentamicin | 0.25 mL | | | | | | | |
| MIX 10 TIMES BY INVERSION TO PREVENT CLOTTING | | | | NO BUBBLES | | MIX 10 TIMES BY INVERSION | | |

* BUN, Calcium, CO2, Chloride, Creatinine, Glucose, Potassium, Sodium

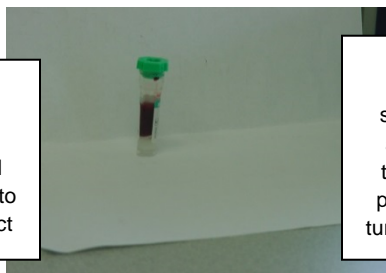
** BUN, Calcium, CO2, Chloride, Creatinine, Glucose, Potassium, Sodium, Albumin, Alkaline Phosphatase, ALT, AST, Total Bilirubin, Total Protein

QUESTIONS? Check the lab test catalog (<https://www.testmenu.com/universityhospital>), or contact the Clinical Laboratory 720-848-4401

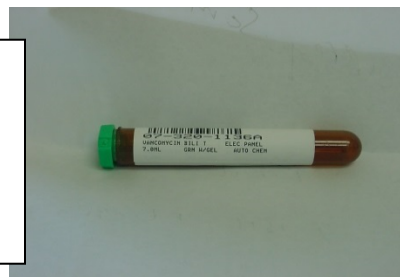
Greiner MiniCollect Green Tops with Gel – How to Use:



Use supplied funnel or drip blood directly into MiniCollect

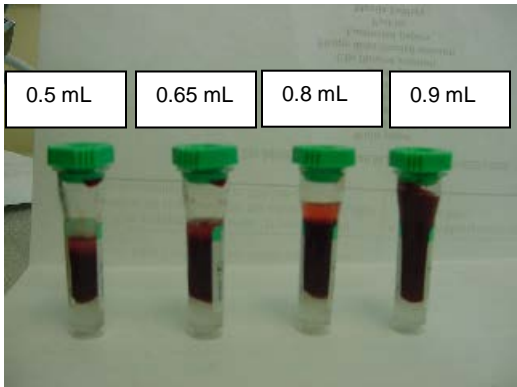
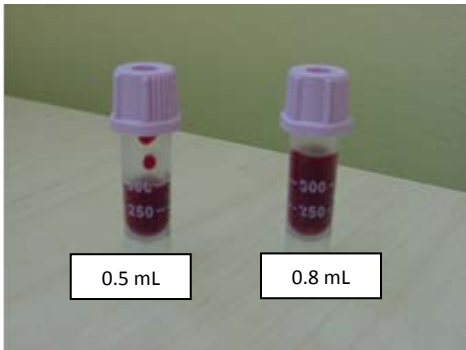
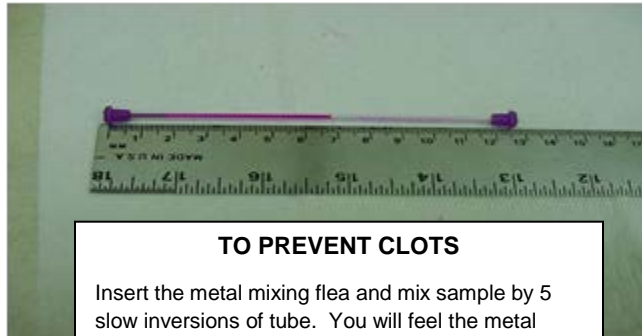


Submit all MiniCollect samples in the amber carrier tube. This will provide optimal turnaround times.



Make sure that the zebra label is placed with the patient's name close to the top of the amber tube.

Minimum Volume Requirements for Common Laboratory Tests:

| Chemistry and Therapeutic Drugs | Hematology, Blood Bank and Virology | Whole Blood Glucose |
|---|---|---|
|  |  |  |
| <p>0.5 mL is enough to run all of the following:</p> <p>Sodium, Potassium, CO₂, Chloride, BUN, Creatinine, Total and Direct Bili, Glucose, Calcium, Magnesium, Phosphorus, Triglycerides, AST, ALT, ALP, GGT, Albumin, Total Protein, CRP, Vancomycin, Gentamicin, and Phenobarbital</p> <p>0.5 mL must also be submitted for TSH <u>only</u>.</p> | <p>0.5 mL is enough to run:</p> <p>CBC/Differential/Platelets/Reticulocytes</p> <p>0.8 mL is enough to run:</p> <p>Transfusion Services Neonatal Protocol</p> | <p>TO PREVENT CLOTS</p> <p>Insert the metal mixing flea and mix sample by 5 slow inversions of tube. You will feel the metal mixing flea "thump" on each end of the capillary tube as you mix.</p> <p>0.070 mL minimum assay volume.</p> <p>This is approximately 60% full or 7 cm of blood in a Radiometer heparinized capillary tube.</p> <p>Samples not meeting this absolute minimum volume will not be able to have Glucose testing performed.</p> |