

Below are the top 8 Tube Types that will be found in our High Volume Labs:

1. **Heparinized Plasma** from light green Hemogard tube: the tube contains the anticoagulant lithium heparin and gel for separation. The actual draw size is 4.5mL of whole blood. Spun down tube yields approximately 2.2 mL of plasma. Residual amount of plasma left after testing is complete is approximately **2.0 mL**.
2. **Serum** from Gold Top serum separator tube: tube contains clot activator and gel for separation. The actual draw size is 5.0mL of whole blood. Spun down will yield approximately 2.5mL of serum. Residual amount of serum left after testing is complete is approximately **2.0 mL** of serum.
3. **Serum** from Red top tube: The tube contains a clot activator. The actual draw size is 10.0mL of whole blood. Spun down will yield approximately 5.0 mL of serum. After testing is complete, the residual is approximately **3.0 mL** of serum.
4. **Serum** from Orange SST tube: The tube contains a thrombin-based clot activator and gel for separation. The actual draw size is 5.0 mL. Spun down will yield approximately 2.5 mL of serum. Residual amount of serum left after testing is complete is approximately **2.0 mL** of serum.
5. **Serum** from Red top Sarstedt tube: The tube contains a clot activator. The actual draw size is 7.5mL whole blood. Spun down will yield approximately 3.5 mL of serum. Residual amount of serum left after testing is complete is approximately **1.5 mL** of serum.
6. **EDTA Plasma** from a Pearl Top tube: tube contains K<sub>2</sub>EDTA and gel for separation. The draw size is 5.0mL whole blood. Spun down will yield approximately 2.5 mL of EDTA Plasma. Residual amount of plasma left after testing is complete is **1 to 1.5 mL** depending on assays performed.
7. **Whole Blood EDTA**: Purple top tube contains K<sub>2</sub>EDTA and draws 3.0mL whole blood. It is analyzed as whole blood and usually has at least **2.0 mL** residual left over after testing.
8. **Citrated Plasma** from light blue tube: tube contains buffered sodium citrate and draws 2.7 mL. Spun down will yield approximately 1.3 mL of plasma. After testing the residual left over plasma will be approximately **1.0 mL**.

Storage of these specimens is unique to the institution. See separate document.