

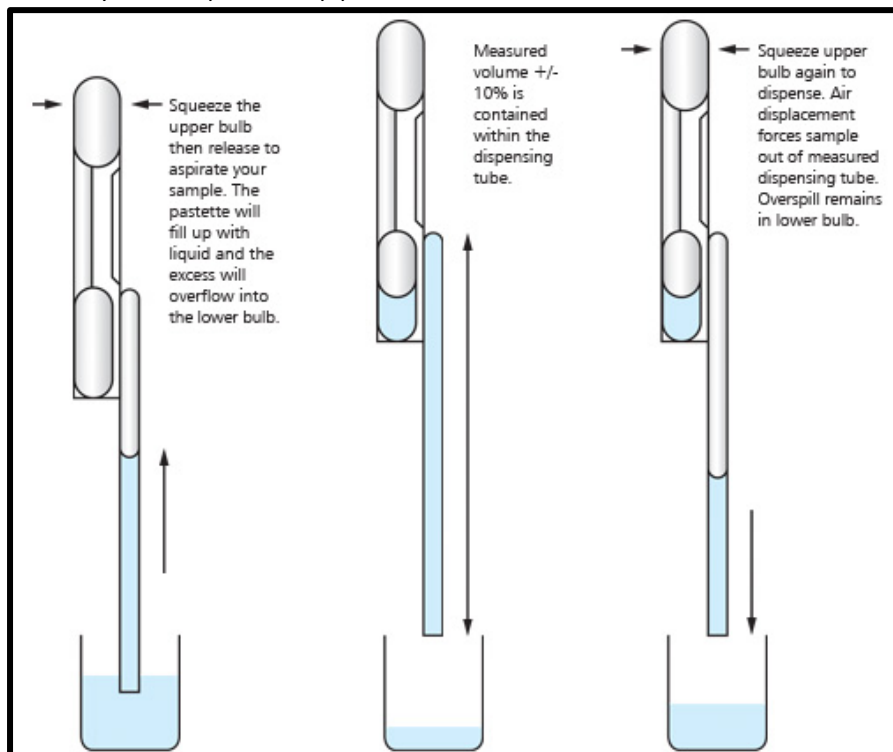
GLUTATHIONE SPECIMEN COLLECTION PROCEDURE

Kit Contents:

- 1-10mL polypropylene screwcap tube with 3.6 mL of 32mM N-Ethylmaleimide (NEM), 3.8% Sulfosalicylic Acid (SSA), 20% methanol (**Please store tube at 4°C until ready to use**)
- 1-ice pack
- 1-fixed volume (0.4 mL) dual bulb pastette
- 1-Biohazard Bag with absorbent paper
- Transport box
- Compact cooler
- Labels: UPS Return Label, Exempt Human Specimen, Biohazard, and Class 9 dry ice
- Forms: Specimen Collection Procedure, Metabolic Lab Requisition

Collection Instructions:

1. Collect 1 EDTA tube of whole blood sample from the patient. The preferred volume is 2 mL.
2. Within **2 hours** of collection, transfer the blood to the crash tube.
 - a. Use the pastette to transfer 0.4mL of EDTA blood following the diagram below.
 - b. You may need to prime the pipette several times to see blood start to collect in the lower bulb.



3. Dispense the measured 0.4mL of blood from the pastette into the crash tube. You will still have overspill blood remaining in the lower bulb of the pastette, this is expected.
4. Cap the tube and invert 6 times to mix well.
5. Allow the tube to sit for **15 minutes** at room temperature for the reaction to occur.
6. Freeze the tube until transport and ship it to CHOP Metabolic and Advanced Diagnostics lab on dry ice. Use the provided labels to properly prepare the package for transport.