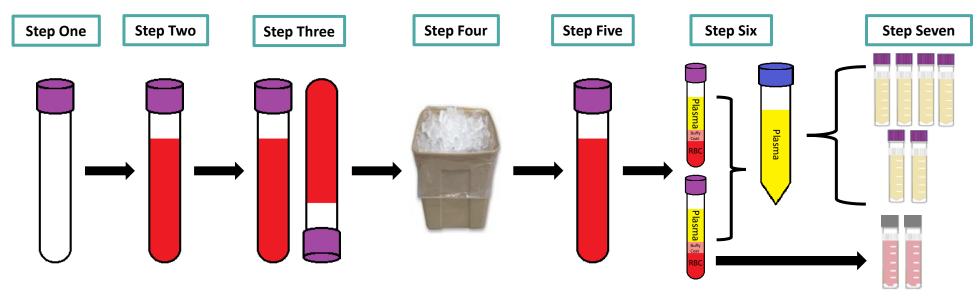
Plasma and Buffy Coat Preparation with EDTA Collection Tube



- Store tubes at room temperature.
- Label collection tube with specimen labels prior to collection.
- Collect blood into EDTA tubes, allowing blood to flow for 10 seconds and ensuring blood flow has stopped.
- Immediately after blood draw, invert tubes 8-10 times to mix samples.
- Place
 thoroughly
 mixed tubes
 on wet ice
 until
 centrifugation
 begins.
- Centrifuge samples at 2000 x g for 10 minutes at 4°C.
- Pool all plasma from the EDTA tubes into a polypropylene conical tube and invert gently 3 times to mix the plasma.
- Aliquot 1.5 ml plasma into each polypropylene cryovial.
- Store plasma aliquots upright at -80°C until shipment to NCRAD.
- Using a clean transfer pipette, collect the buffy coat (may have residual plasma and some RBCs included).
- Transfer the buffy coat from each EDTA tube into its own polypropylene cryovial.
- Store buffy coat aliquots upright at -80°C until shipment to NCRAD.
- Spin, aliquot, and freeze all plasma and buffy coat aliquots within 2 hours of collection.