Sample Collection and Processing: Plasma

**Steps 1-2**
- Store tubes at room temperature.
- Label tubes with preprinted SSBC plasma label prior to blood draw.

**Steps 3-4**
- Collect blood in EDTA tubes, allowing blood to flow for 10 seconds and ensuring blood flow has stopped.

**Step 5**
- Immediately after blood draw, invert tubes 8-10 times to mix samples.

**Step 6**
- Within 30 minutes of blood draw, centrifuge sample at 4°C at 1500 x g for 15 minutes.
- Collect blood in EDTA tubes, allowing blood to flow for 10 seconds and ensuring blood flow has stopped.

**Steps 7-8**
- Label purple-capped cryotubes with preprinted plasma labels.
- Using a clean transfer pipet, transfer plasma into a 15 ml conical tube and mix gently by inverting 3-4 times.
- Aliquot 1.5 ml plasma into each cryotube.
- If a residual aliquot (<1.5 ml) is created, place a blue cap on this aliquot.
- Store plasma aliquots upright at -80°C until shipment.

**Steps 9-11**
- Label clear-capped cryotubes with preprinted SSBC buffy coat labels.
- Using a clean transfer pipet, collect the buffy coats (will include some plasma and red blood cells).
- Transfer each buffy coat to separate cryotubes.
- Store plasma and buffy coat aliquots upright at -80°C until shipment.