**Basic Blood Processing Protocol**

1. Process whole blood sample within 30 minutes of collection
2. Mix blood in collection tube with anti-coagulant thoroughly by inverting it several times
3. Dispense 1mL of blood into a 5mL FACS tube
4. Add 1.4mL of proteomic stabilizer (fixative) to each FACS tube containing 1mL of blood and gently pipette up and down 5 times to mix

**NOTE:** volumes can be scaled accordingly, e.g. 250µL of blood + 350µL stabilizer or 2mL blood + 2.8mL stabilizer

1. Incubate blood with fixative at room temperature for 10 minutes
2. Aliquot blood into 2mL cryovials (no more than 1.5mL total volume each)
3. ***Immediately*** freeze fixed blood at -80°C. Do not allow fixation to proceed for longer than 10 minutes at room temperature

**Note:** If the samples cannot be frozen immediately, they can be placed on (wet) ice for up to 15 minutes before being placed in the freezer. **DO NOT STORE AT -20°C**.