

PLASMA SAMPLE COLLECTION

Blood collection

- Draw ~15 ml blood through Terumo 10ml syringe (with 21G x 1” needle, cat. #SS*10S2125) pre-coated with sterile filtered 0.5M EDTA (Sigma cat#E-5134)
- Transfer blood to a sterile 15 ml conical polypropylene tube (Falcon cat#352097) containing 100 μ l 0.5M EDTA
- Put sample immediately on ice

SAMPLE PROCESSING

Plasma

- Spin blood (2000 rpm, 15 min, 4° C) to separate plasma from cellular material
- Transfer plasma via a sterile 10 ml pipette (without disturbing plasma/cell interface) into a new 15 ml polypropylene tube
- Invert sample gently to mix
- Aliquot (500 μ l) into sterile 2ml orange screw-cap tubes
- Affix tubes with labels containing subject ID number, date of LP, and designation as “plasma”
- Store n=3 aliquots in liquid N₂ freezer and remaining aliquots (majority) in -84°C freezer (equipped with CO₂ emergency backup unit)