

SHINE Ancillary Bio-Marker Study

Lab Instructions

Specimen Type: 4.5 ml Sodium Citrate (blue top) tube x 3

Processing Directions:

- 1) **BEFORE** centrifuging tubes:
 - a. Withdraw 1 ml of whole blood from a blue top tube and place into a cryovial tube. Replace caps securely.
 - b. Withdraw 1 ml of whole blood from a second blue top tube and place into a second cryovial tube. Replace caps securely.
- 2) Remaining blood must be spun within 60 minutes of collection to harvest the plasma.
- 3) Centrifuge 3 blue top tubes at 1500 x g for 20 minutes at room temperature
 - a. Do **NOT** re-spin blood.
- 4) Record centrifuge start time and date on paper delivered with sample.
- 5) Using pipette, transfer approximately 0.3 ml of plasma from the blue top tubes into each of the 8 remaining cryovial tubes. Try not to disturb the red cell layer.*
- 6) Tightly secure caps on the cryovial tubes, making sure they are labeled with subject ID and timepoint.
- 7) Insert all cryovial tubes into the labeled Cryovial Box (retrieve from the freezer if processing 48 hour sample)
- 8) DO NOT take the cardboard cryovial box out of the freezer for the 48 hour samples until you are ready to place the aliquot tubes inside to prevent thawing of the frozen samples.
- 9) Place Cryovial Box in the -80 °C freezer **IMMEDIATELY** and record time and date of placement on paper provided with samples. ** -70 C freezer is acceptable.
- 10) Place paper in the SHINE Study Folder located _____
- 11) BOTH blood draws for a subject must be placed into a single cryovial box.
- 12) DO NOT put more than one subject's specimens in a single cryovial box.

Study Team Members:

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|------------------------|------------------------|---------------------------|
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Materials:



3 Sodium Citrate Tubes



Ten Cryovial Aliquot Tubes



Cryovial Box