

SHINE Ancillary Bio-Marker Study

Investigator Instructions - KCHC

- 1) Ensure that patient consent form is signed and agreed to collection of blood samples for research purposes.
- 2) Confirm that subject meets I-SPOT eligibility requirements.
- 3) Retrieve I-SPOT Specimen Collection Kit from KCHC Emergency Department Ophthalmology Room.
- 4) Check Expiration Date of Kit and ensure it is not expired.
- 5) All subjects will have blood drawn BEFORE study drug start and again at 48 hours (between 46 and 54 hours; and not immediately after a meal)
- 6) Use one blood collection kit per drawn (2 per subject kit).
 - a. For each subject, I-SPOT Form "Blood Sample Collection Form" should be printed from WebDCU and used as a worksheet for data collection at each time point (baseline, 48 hours).
 - b. Subject ID is ID number assigned by WebDCU
- 7) Use standard sterile technique for venipuncture.
 - a. Draw blood samples from a fresh venipuncture.
 - b. If it is not possible to draw blood from a fresh venipuncture, and it is drawn from an existing line, at least 5 ml (peripheral) or 10 ml (central) of blood must be discarded before obtaining samples.
 - c. Fill all 3 blue tubes completely to ensure consistent ratio of blood to tube additive.
 - d. Blood should be collected **WITHOUT** use of a tourniquet if possible. A tourniquet may be placed to identify the vein but should be removed while tubes are filling. Prolonged application of a tourniquet while tubes are filling may affect some laboratory measurements. Please mark on the CRF if a tourniquet was in place while tubes are filling.
 - e. Collect blood through a needle no smaller than 21 gauge.
 - f. Use Vacutainer® system to collect blood. **DO NOT** drip blood or use syringe to put blood directly into tubes.
- 8) Gently invert the tubes 4 times to mix sodium citrate and blood.
- 9) **DO NOT SEND THE SAMPLE THROUGH THE TUBE.** Hand-deliver the sample to the Chemistry Lab, located in room 204 of the P building and accessible via the bridge from B building (3rd floor) or through the basement.
 - a. If the sample is dropped off between 8 am and 4 pm, Monday-Friday, please check in with Georgina, the accession manager, just inside the entrance of room 204.
 - b. At all other times, please check in with the night manager in room 204.
- 10) Label each aliquot tube with SHINE Subject ID and either "BL" (for baseline) or "48 Hr" (for 48 hours).
- 11) Label cryovial box with Subject ID, Date of Collection, Time of Collection, and I-Code Number (5 digit number after the dash on the cryovials) *See example below.
- 12) Make sure the sample makes it to the freezer, to the left, just inside the entrance of room 217. Email Sarah (Sarah.Zelonis@downstate.edu) + Marijayne (Marijayne.Bushey@nychhc.org) immediately if the freezer temp is above -70 C.



I-Code = 10001 in this example.

Materials:



3 Sodium Citrate Tubes



Ten Cryovial Aliquot Tubes



Cryovial Box