



Instructions for Drawing and Delivering a Blood Sample to the GRCF Cell Center & Biorepository:

Procedure

Please place samples in a biohazard specimen bag and include a request form.

Note: the blood draw should take place as early as possible in the day, in order too, arrange for same day processing when possible.

1. **Draw the blood** into an appropriate vacutainer for blood isolate. For PBMC isolation an 8.5 ml ACD (yellow top) vacutainer tube is suggested.

2. **Use** a 21-gauge vacutainer needle. Do not use small-bore needles such as gauge 23 or 25 as they increase the chances of cell lysis. If you prefer to use a butterfly needle, please use a 21gauge needle. When drawing blood from an infant use a 25-gauge needle.

3. Record the following on the tube:

Date of blood draw:

Study Patient designation (DE-IDENTIFIED):

For a designation number we suggest that the alphabetic code be 3-6 characters and that the numeric code is no more than 9 digits. Note: Patient designations and numbers will be entered into our database. Typewritten information and bar-coded information is preferred. If not able to type or use bar-coded labels please make effort to write clearly.

4. Blood should be delivered at appropriate temperature for your study. Place the tubes in a zip-locked biohazard bag. Print out request form and bring with the tubes.

5. Deliver blood specimens to the GRCF Cell Center & Biorepository reception desk, Blalock Building floor 10, room 1001A. If you use the lockbox please ring the doorbell to inform the lab a specimen has been delivered.

Please be sure to establish your payment method before starting your project.

6. Please notify the GRCF when a blood draw is scheduled and an estimate of when the sample will be delivered bioprocessing@jhmi.edu. If your sample will be later than half an hour from your original estimate, please update us with this information. The GRCF Policy on Same Day

Processing: Monday-Thursday samples must be received by 3:30 pm, Friday samples must be received by 2pm. Otherwise, samples will be processed on the next business day.

Study set up Contact: Caryn Dearstine cdearst1@jhmi.edu or Melissa Olson, Ph.D. molson14@jhmi.edu

Sample processing contact: Daniel Coleman dcolem41@jhmi.edu