



## Instructions for Drawing and Delivering a Blood Sample for Lymphocyte Storage and Transformation

**Objective:** To Hand-Deliver blood samples safely to the GRCF Cell Center & Biorepository.

**Equipment Needed:** Biohazard specimen bag, request form

### Procedure:

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

1. **Draw the blood** into 8.5 ml ACD (yellow top) vacutainer tubes for PBMC isolation.
2. **Use** a 21 1/2 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 21 gauge vacutainer.

### 3. Record the following on the tube:

Study Name/PI's name:

Date of blood draw:

Study Patient designation (DE-IDENTIFIED):

Age at time of blood draw (in years) \*If needed to record

*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 room temperature** (22°C - 24°C). Place each tube 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 1017.

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

6. 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 2pm, Friday samples must be received by 12 noon. Otherwise, samples will be processed on the next business day only. After hour processing can be scheduled with us for between 2pm-4pm if scheduled with at least 24 hr. notice. An extra fee will apply.*

7. Please notify GRCF to alert as soon as you schedule the blood draw ([bioprocessing@jhmi.edu](mailto:bioprocessing@jhmi.edu) and [ksarkar4@jhmi.edu](mailto:ksarkar4@jhmi.edu) )

Sample processing contact: Karen Horner, [bioprocessing@jhmi.edu](mailto:bioprocessing@jhmi.edu)

Study set up contact: Kakali Sarkar, Ph. D [ksarkar4@jhmi.edu](mailto:ksarkar4@jhmi.edu) OR Melissa Olson, Ph.D., [molson14@jhmi.edu](mailto:molson14@jhmi.edu)