



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 two 8.5 ml ACD (yellow top) vacutainer tubes.
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: Date of blood draw PI's name/Study Patient designation (no names please) Patient number (no patient history numbers or social security numbers please)

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 tubes in a zip-locked biohazard bag.
5. Deliver blood specimens to room the GRCF Cell Center & Biorepository reception desk, Blalock Building floor 10, room 1017. Please be sure to bring your service request form with budget numbers, IRB numbers and expiration dates.

The GRCF Policy on Same Day Processing: Monday-Thursday samples must be received by 2pm, Friday samples must be received by 12.

Reference:

Penno, MB ; Krueger, MP ; and Ray, TY. Instructions for drawing and shipping a blood sample for lymphocyte storage or transformation. J. Tissue Culture Methods 15:43-48, 1993 DOT/IATA packing Instructions 650
www.cdc.gov/ncidod/monkeypox/pdf/specimenguide.Pdf

Direct Questions to:

*Melissa V. Olson, Ph.D.
600 N. Wolfe Street
1017 Blalock
Baltimore, MD 21287-4922
410-955-6327
molson14@jhmi.edu*