



The Centre for Applied Genomics Biobanking Facility

Sample collection and shipping

Blood collection for lymphoblastoid cell line immortalization

- Collect 5-10 ml blood in a yellow top, ACD tube
- Store and ship the blood at room temperature.
- Specimens should be packaged in compliance with IATA P.I.650 shipping standards. The outside of the package should have a label indicating “Non-toxic material; for research purposes; of no commercial value”.

Blood collection for DNA extraction

- Collect 5-10 ml blood in a lavender top, EDTA tube
- Ship the blood preferably at 4C so as to arrive in the lab within 24-48 hours after collection.
- Specimens should be packaged in compliance with IATA P.I.650 shipping standards. The outside of the package should have a label indicating “Non-toxic material; for research purposes; of no commercial value”.

Shipping of cells for RNA extraction

- Order one of the following *RNAlater* products from Qiagen

RNAlater RNA Stabilization Reagent (50 ml) – cat # 76104

RNAlater RNA Stabilization Reagent (250 ml) – cat # 76106

RNAlater TissueProtect Tubes (50 tubes x 1.5 ml) – cat # 76154

RNAlater TissueProtect Tubes (20 tubes x 5 ml) – cat # 76163

The TissueProtect tubes have the stabilization reagent already aliquoted.

- Follow the instructions in the accompanying *RNAlater* handbook. We usually add 10-15 million cells to 5 ml of Stabilization Reagent.

Address for shipping samples

- Tissue Culture Service
The Centre for Applied Genomics
The Hospital for Sick Children
686 Bay St., Rm 139440/139475
Toronto, Ontario
M5G 0A4, Canada
(416) 813-6363
tcag.cellculture@sickkids.ca