



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**

- Dr. Steve Scherer  
The Centre for Applied Genomics  
The Hospital for Sick Children  
MaRS Centre – East Tower  
101 College St., Room 14-704  
Toronto, Ontario  
M5G 1L7, Canada  
(416) 813-7613 (office)  
[steve@genet.sickkids.on.ca](mailto:steve@genet.sickkids.on.ca)

If you have any problems, contact Jo-Anne Herbrick ([jherbrick@sickkids.ca](mailto:jherbrick@sickkids.ca); 416-813-8140).