



**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**

**For Tissue Culture Services please use address below:**

**Tissue Culture Service**

The Centre for Applied Genomics The Hospital  
for Sick Children 686 Bay St.,

**Room 139440/139475**

Toronto, Ontario M5G 0A4,  
Canada (416) 813-6363

[tcag.cellculture@sickkids.ca](mailto:tcag.cellculture@sickkids.ca)

**For Biobanking DNA/RNA extraction samples, please use:**

**Miranda Lorenti**

The Centre for Applied Genomics  
The Hospital for Sick Children  
Peter Gilgan Centre for Research and Learning  
686 Bay Street, **Room 139400**

Toronto, Ontario

M5G 0A4, Canada

Tel: (416) 813-8140, Internal: 308140

Fax: (416) 813-8319, Internal: 208319

Email: [miranda.lorenti@sickkids.ca](mailto:miranda.lorenti@sickkids.ca)