Instructions for the Collection and Shipment of Blood

Dear Colleagues,

I have included blood collection tubes for the isolation of DNA and the starting of a lymphoblast cell line from your patient’s blood.

Keep all tubes at room temperature prior to use (18-25°C). Below are the instructions for the collection and storage of the blood samples until they are shipped to us.

Blood Collection

In all cases collect blood using your institution’s recommended procedure for standard venipuncture technique. Ensure that no backflow occurs and that the blood has stopped flowing into the tube before removing the tube from the holder.

If drawing blood into a syringe first then injected into the tubes ensure the tubes get the following amounts of blood:

- PAXgene Blood DNA tube (Grey Topped Tube)~ 7ml blood
- BD Vacutainer ACD Solution B (Lymphoblast cell Line-Yellow Topped Tube)~ 5ml blood
- Tempus Blood RNA tube (Blue Topped Tube)~3ml blood

Immediately After collection and Storage

1. PAXgene Blood Tubes: Gently invert tubes 8-10 times and keep at 18-25°C (14 days, 28 days at 4°C)
2. BD Vacutainer ACD Solution B- **MUST keep at 18-25°C**
3. Tempus Tube: Shake tube vigorously for 10-15sec and keep tube at 18-25°C. (5 days, 7 days at 4°C)

Shipping instructions **IMPORTANT**

- Role the filled blood tube in the absorbent material provided as received
- Place the blood tube rolled in the absorbent material into the plastic outer 50ml tube
- Place the filed 50ml tubes into the shipping box with any package
• Ship using a small thick fiberboard shipping box and place on the outside the provided

1. UN3373 label
2. The to and from return address label with the words "Biological Substance, Category B"
3. In the outside pouch include three copies of the declaration letter and three of the Proforma Invoice form with the weight and size of the box marked on the International Air Waybill in the space provided at the bottom.

Ship **all samples at room temperature**; this is especially important for the yellow BD tube. When ready please ship to the address below.