

VANCOUVER GENERAL HOSPITAL - IMMUNOLOGY LABORATORY

GUIDELINES AND SPECIMEN REQUIREMENTS FOR ORGAN DONORS

Time and temperature are crucial factors essential to obtaining accurate tissue typing and crossmatching results. Within this package, you will find instructions for specimen collection, appropriate tubes, containers, and labels for shipping. **Note:** Extra tubes may be provided in the kit in case of unforeseen circumstances.

Blood requirements are:

- 4 x 6 ml **EDTA** specimens (lavender top); **total 24 ml blood**
 - 4 x 5 ml **SST clotted** specimens (gold top SST); **total 20 ml blood**
 - 12 x 6 ml **ACD** specimens (pale yellow top); **total 72 ml blood**
- As blood is drawn, invert tube several times to mix the anticoagulant.

Note: If the donor is a child under 20 Kg the following specimens will be acceptable:

- 2 x 4 ml **EDTA** specimens (lavender top); **total 8 ml blood**
- 2 x 4 ml **SST clotted** specimens (gold top SST); **total 8 ml blood**
- 5 x 6 ml **ACD** specimens (pale yellow top); **total 30 ml blood**

Labelling

Each tube must state **Full Name, Date Of Birth, and Date And Time Of Collection.**

Packaging instructions

1. Place blood tubes into grey foam inserts, then put foam inserts into the sealable plastic bag, together with the white absorbent pad.
2. Place this package into the box, and seal the box with clear tape.
3. Attach waybill to the box.
4. Specimens should be transported by the most efficient means to arrive at the Vancouver laboratory as soon as possible after drawing.
5. Contact BCTS at 604-877-2240 with the following information:
 - Airline
 - Flight arrival time
 - Flight Number
 - Waybill number
6. Arrangements will be made by Vancouver to have specimens picked up at the airport and delivered to the Laboratory.

Mailing address for package:

Vancouver General Hospital – Immunology Lab
910 West 10th Ave, Vancouver, BC, V5Z 1M9
Contact: 604- 877-2240

NOTE:

IT IS OF THE UTMOST IMPORTANCE THAT THE TRANSPORTATION INFORMATION ABOVE IS ACCURATE, AND COMMUNICATED PROMPTLY. THESE SAMPLES ARE EXTREMELY TIME-SENSITIVE.

Additional Guidelines for BC Transplant Coordinators:

Minimum requirement for Extra-Renal organ donors from other centres:

- 2 x 6 ml **EDTA** specimens (lavender top); **total 12 ml blood**
- 1 x 4 ml **clotted** specimens (gold top SST); **total 4 ml blood**
- 3 to 5 x 6 ml **ACD** specimens (pale yellow top); **total 18-30 ml blood**

Requirements for Imported Kidneys:

- 2 x 6 ml **EDTA** specimens (lavender top); **total 12 ml blood**
- 1 x 4 ml **clotted** specimens (gold top SST); **total 4 ml blood**
- 12 x 6 ml **ACD** specimens (pale yellow top); **total 72 ml blood** (or substitute spleen as a cell source if ACD not available)

Spleen or nodes:

- Are to be placed in UW, SPS-1 medium (or other appropriate medium) in a specimen container and labeled with *full name, date of birth, date and time of retrieval and type of specimen.*