

ICID Sample Shipping Instructions

BLOOD REQUIREMENTS

For genetic testing: Ion Torrent or whole exome sequencing

- 1) **Patients:**
 - a) If lymphocyte counts are normal: 5 mL of blood from the patient in an EDTA tube.
 - b) If lymphocyte counts are low: 10 mL of blood from the patient in an EDTA tube.
- 2) **Family members:**
 - a) We do not routinely sequence blood from healthy family members. We request blood from healthy family members only if there is uncertainty about their future availability in case they may be needed.
 - b) If we request family blood: 5 mL of blood in EDTA.

For functional assays:

- 1) **Patients:**
 - a) ≤ 20 kg body weight: **1 mL of blood per kg body weight** in a sodium heparin tube.
 - b) > 20 kg body weight: we will specify the amount needed.
- 2) **Critical:** We require 20 mL of blood in sodium heparin from a healthy, unrelated individual to serve as a shipping control for all functional assays shipments.

SHIPPING INSTRUCTIONS

- 1) Please send samples on Sun – Tues local time via the fastest service.
- 2) Samples must arrive in Boston on Monday – Wednesday.
- 3) Clearly label the sample tubes with the individual's name **in English** with padding to prevent breakage.
- 4) Do not centrifuge the tubes.
- 5) **SHIP AT ROOM TEMPERATURE. Do not freeze samples or include any ice.**
- 6) Ship in a Styrofoam box to limit the effect of temperature variations during shipping.
- 7) Email us the tracking number so we can monitor for delays.

Send to:

Wayne Bainter

1 Blackfan Circle
Karp Building, 10007D
Boston, MA, 02115, USA
Phone: 1-617-919-2478

Customs Declaration:

HUMAN BLOOD/DNA/CELLS
FREE OF INFECTIOUS AGENTS
NO COMMERCIAL VALUE
CONTAINS NO ANIMAL PROTEINS
FOR DIAGNOSTIC PURPOSE ONLY

Fedex number: 145570220, Fund #77774

DHL number: 967317353