BC Centre for Excellence in HIV/AIDS
Room 604, St. Paul's Hospital, 1081 Burrard Street,
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LABORATORY REQUISITION FORM FOR B.C. PATIENTS

A) PATIENT & REQUESTING CLINICIAN

Patient's Last Name:

Patient's First Name:

Date of Birth: / / (DD MMM YYYY)

PHN:

Cc Results to: M.D. ☐ NP ☐ MSP or Nurse ID No.

Cc Name:

Cc Address:

Phone: Fax:

Requestor M.D. ☐ NP ☐ MSP or Nurse ID No.

Last Name, First Name:

Clinic Name:

Street Address:

City, Postal Code:

Phone:

Fax:

Specimen Comments:

B) HIV DRUG RESISTANCE TESTING (On Plasma)

These tests require **PLASMA** with viral load **≥250 copies/mL**. This lab has access to patient plasma from viral load tests performed at St. Paul's Hospital, so another sample is not needed.

☐ **HIV-1 Resistance Genotyping**

☐ **Fusion Inhibitors** - This gp41 test is investigational, but can be performed on this sample

C) GENOTYPE TESTING (On Whole Blood)

HLA-B*57:01 allele will be tested only once per patient, as the genotype does not change. No minimum viral load required, but test does require **WHOLE BLOOD.**

☐ **HLA–B*57:01 for Abacavir Hypersensitivity**

To request HIV CCR5 TROPISM (V3) (investigational), choose **ONE** test based on patient's viral load (VL):

☐ **Plasma V3 (Tropism)** if VL ≥500 copies/mL OR ☐ **Proviral DNA V3 (Tropism) on whole blood** if VL <500 copies/mL

PLASMA SPECIMEN COLLECTION DATES:

For CfE Use

1. / / (DD MMM YYYY)
2.
3.
4.

WHOLE BLOOD SPECIMEN COLLECTION DATE:

/ / (DD MMM YYYY)

For CfE Use

Urgency? Normal ☐ Urgent ☐

Request Date:

For Reinterpretation? NRTIs, nNRTIs, PIs ☐ Integrase ☐

Requestor's Signature:

D) IMPORTANT INFORMATION FOR CLIENTS SUBMITTING REQUESTS

HIV-1 Resistance Genotyping measures susceptibility to: **nRTIs** (e.g. lamivudine); **NNRTIs** (e.g. efavirenz); **Protease Inhibitors** (e.g. atazanvir); and **Integrase Inhibitors** (e.g. dolutegravir).

Fusion Inhibitors (e.g. enfuvirtide) testing is only investigational. **Plasma V3 (Tropism)** testing, also only investigational, measures susceptibility to CCR5 antagonists (e.g. maraviroc). Tropism can change over time; testing should be done just prior to starting a CCR5 antagonist, when HIV viral load is ≥500 copies/mL.

Submitting Whole Blood for **HLA** and **Proviral DNA V3** requires 1 mL for each. Collect **1x3 mL EDTA (lavender top) tube**. Do **NOT** centrifuge. Transfer blood to one 2 mL screwcap cryovial. Store and transport at 2° to 8° C. **Ship on chilled ice packs** on **Monday to Thursday VIA overnight courier only** to **St. Paul's Hospital Laboratory**. Follow IATA and TDG Regulations (UN3373, Cat B).

BC-CfE Research Laboratory test results, like all laboratory results, are kept strictly confidential.

Test results are usually available within 14 days of sample receipt.

Further information and forms can be found at http://bccfe.ca/research/laboratory-program/laboratory-test-order-forms