**SPECIMEN SUBMISSION GUIDELINES**  
HIV Diagnostics and Reference Laboratory  
US Military HIV Research Program, Walter Reed Army Institute of Research  
9100 Brookville Road, BLDG 508, Silver Spring, MD 20910

**HIV-1 Trofile (sent out to Monogram Biosciences) Test Specification**

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| To determine HIV-1 viral tropism (the means of entry into cells used by a given strain of HIV, specifically which co-receptor the virus is using to enter healthy CD4+ T-cells—CCR5, CXCR4, or both). | Minimum of 4 ml plasma from 2 PPT or EDTA tubes.  
Centrifuge at room temperature at 1000-1200 x g for 10-15 minutes within separation times below:  
PPT Tubes: Centrifuge immediately or within 30 minutes of collection. Separate plasma. Aliquot into 2 sterile 2 ml polypropylene screw-cap tubes. Store frozen at -20°C until shipped.  
EDTA Plasma: Centrifuge immediately or within 30 minutes of collection. Separate plasma. Aliquot into sterile 2 ml polypropylene screw-cap tubes. Store frozen at -20°C until shipped. | Frozen  
Use 2 lbs. of dry ice per day of transport.  
Recommended: Ship on 6 lbs dry ice in case of shipment delay. | Non FDA approved  
Used in conjunction with other diagnostic test results to identify the most appropriate therapy and to select patients who may benefit from CCR5-antagonist therapy. | 25 business days |

**Please note:**
Patient Viral Load must be ≥ 1000 copies/ml at time of test. If Viral Load results are not current within the past 14 days, request an HIV-1 Viral Load on the test request form in addition to the HIV-1 Trofile request. HDRL will not forward specimens for HIV-1 Trofile with Viral Loads < 1000 copies/ml.