

## SPECIMEN SUBMISSION GUIDELINES

HIV Diagnostics and Reference Laboratory, Diagnostics and Countermeasures Branch  
 Center for Infectious Disease Research, Walter Reed Army Institute of Research  
 508 Research Drive, Silver Spring, MD 20910

### *HIV-1 Trofile (sent out to Reference Laboratory) Test Specification*

<b>Test Name: HIV-1 Trofile</b>				
<b>Clinical Significance</b>	<b>Specimen Requirements</b>	<b>Transport/Storage Temperature</b>	<b>Test Approved For</b>	<b>Turn Around Time (After Receipt at HDRL)</b>
<p>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).</p> <p>Sent out to Monogram BioSciences</p>	<p>Minimum of 4 ml plasma from 2 PPT or EDTA tubes.</p> <p>Centrifuge at room temperature at 1000-1200 x g for 10-15 minutes within separation times below:</p> <p>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.</p> <p>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.</p>	<p>Frozen</p> <p>Use 2 lbs. of dry ice per day of transport.</p> <p>Recommended: Ship on 6 lbs dry ice in case of shipment delay.</p>	<p>Not FDA approved</p> <p>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.</p>	<p>25 business days</p>
<p><b><u>Please note:</u></b>  <b>Patient Viral Load must be <math>\geq</math> 1000 copies/ml at time of test.</b> If Viral Load results are not current <b>within the past 14 days</b>, request an HIV-1 Viral Load on the test request form in addition to the HIV-1 Trofile request. <b>HDRL will not forward specimens for HIV-1 Trofile with Viral Loads &lt; 1000 copies/ml.</b></p>				

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