

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 reference laboratory) Test Specification

Test Name: HIV-1 Trofile				
Clinical Significance	Specimen Requirements	Transport/Storage Temperature	Test Approved For	Turn Around Time (After Receipt at HDRL)
<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 reference lab (i.e. 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>Non 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>Please note: Patient Viral Load must be \geq 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.</p>				

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