



**SAN MATEO COUNTY PUBLIC HEALTH LABORATORY  
TEST INFORMATION**

**Section: Viral Serology**

**Test Name: HIV-1, 2 Screen**

<b>Test Includes:</b> Bio-Rad HIV 1, 2 and O Enzyme Immunoassay (EIA)	
<i>Reporting</i>	
<b>Results Available:</b> 5 days from receipt	<b>Contact Number:</b> (650) 573-2500
<i>Reference</i>	
<b>Method:</b> EIA performed on Bio-Rad Evolis	
<b>Turnaround Time:</b> 5 days if non-reactive; 10 days if reactive	<b>Reference Range:</b> Non-Reactive
<b>Limitations:</b> May not detect a recent infection, or infection in a person with a severely compromised immune system.	<b>Interpretation:</b> Non-reactive indicates that the patient does not have detectable antibody to the infectious agent. Reactive indicates that the patient has detectable antibody to the infectious agent, and depending on the clinical picture, may have a current or past infection.
<i>Specimen Requirements</i>	
<b>Specimen Collection:</b> Venipuncture	<b>Sample Type:</b> Blood
<b>Volume/Amount Required:</b> 7-10 mls whole blood or 5 ml serum or plasma	<b>Preferred Specimen:</b> Serum, plasma
<b>Collection/Preservation:</b> Red top or tiger top tube	<b>Storage Instructions:</b> Do not freeze or refrigerate whole blood. Separated serum or plasma may be held at 2-8° C. Do not freeze plasma.
<b>Causes for Rejection:</b> Discrepancy in specimen identification; insufficient quantity of specimen;	<b>Sample Container:</b> Red top or tiger top tube
<b>Sample Test Kit:</b>	<b>Availability:</b> Performed Monday, Wednesday and Friday
<b>Diagnostic Information:</b> The EIA procedure for the detection of HIV antibodies is a screening procedure. All reactive or indeterminate EIA results require repeat testing in duplicate. If one or both of the repeat tests are reactive, a Western blot confirmatory test is performed. Specimens with non-reactive EIA results will not be tested by Western blot unless specifically requested.	
<i>Specimen Submission</i>	
<b>Request Form:</b> Anonymous tests are ordered on State HIV Test Request Form.	<b>Specimen Handling:</b> Use Universal Precautions
<b>Transport Temperature:</b> Ambient temperature for clotted blood; separated serum at 2-8°C (refrigerated) or -20°C (frozen).	<b>Shipping Requirements:</b> Ship on cold packs (2-8°C), or frozen (-20°C) and mailed on dry ice.
<i>Billing</i>	
<b>CPT Code(s):</b> 86701	<b>Fees:</b> \$15.00
Effective Date: July 1, 2008	



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