



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

Section: Syphilis Serology

Test Name: Syphilis EIA

Test Includes: Captia Syphilis EIA	
<i>Reporting</i>	
Results Available: 4 days from receipt	Contact Number: (650) 573-2500
<i>Reference</i>	
Method: Captia Syphilis EIA performed on Bio-Rad Evolis instrument	
Turnaround Time: 4 days if non-reactive	Reference Range: Non-Reactive
Limitations: May not detect a recent infection, or infection in a person with a severely compromised immune system or an old, successfully cured infection (>10 years for example). The test cannot be used to distinguish between active and cured cases nor to determine responses to therapy.	Interpretation: 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>	
Specimen Collection: Venipuncture	Sample Type: Blood
Volume/Amount Required: 7-10 mls whole blood or 5 ml serum or plasma	Preferred Specimen: Serum, EDTA or citrated plasma
Collection/Preservation: Red top or tiger top tube, EDTA or citrate.	Storage Instructions: Do not freeze or refrigerate whole blood. Separated serum may be held at 2-8° C for up to 5 days. Serum can be stored frozen at -20°. Plasma samples may be stored at 2-8° C for up to 48 hours. Plasma samples should not be frozen.
Causes for Rejection: Discrepancy in specimen identification; insufficient quantity of specimen; gross hemolysis	Sample Container: Red top or tiger top tube; EDTA or Citrate
Sample Test Kit:	Availability: Performed Tuesday and Friday
Diagnostic Information: The Captia Syphilis EIA test is a test for the qualitative detection of IgG antibodies to <i>T. pallidum</i> in serum (or plasma) specimens, to be used in conjunction with non-treponemal testing to provide serological evidence of infection with <i>T. pallidum</i> . Any reactive or equivocal results from this test must be supplemented with a quantitative non-treponemal test (such as the RPR) to distinguish from active disease and assist in ruling out false positives.	
<i>Specimen Submission</i>	
Request Form: Standard Clinical Test Request form or through computer interface	Specimen Handling: Use Universal Precautions
Transport Temperature: Ambient temperature for clotted blood; separated serum at 2-8°C (refrigerated) or -20°C (frozen).	Shipping Requirements: Ship on cold packs (2-8°C), or frozen (-20°C) and mailed on dry ice.



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

<i>Billing</i>	
CPT Code(s):	Fees: \$10.00
Effective Date: July 1, 2008	