



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

**Section: Parasitology**

**Test Name: Cryptosporidium EIA**

<b>Test Includes:</b> Cryptosporidium EIA	
<i>Reporting</i>	
<b>Results Available:</b> Monday - Friday	<b>Contact Number:</b> (650) 573-2500
<i>Reference</i>	
<b>Method:</b> Enzyme ImmunoAssay for detection of Cryptosporidium oocyst antigen	
<b>Turnaround Time:</b> 3-4 days	<b>Reference Range:</b> No Cryptosporidium antigen is present.
<b>Limitations:</b> Unpreserved specimens should be kept at 2-8 C and tested < 24 hrs or -20° C if tested >24hrs. Preserved specimens may be kept at room temperature and tested within 18 months. Concentrated fecal specimens should not be tested.	<b>Interpretation:</b> Negative result indicates that patient does not have antigen to Cryptosporidium. Positive test indicates that the person is shedding detectable amount of Cryptosporidium antigen.
<i>Specimen Requirements</i>	
<b>Specimen Collection:</b> Fresh or preserved stool collected from patients with diarrhea suspected of Cryptosporidium infection.	<b>Sample Type:</b> Fecal specimens as unpreserved or frozen, or in preservation media of 10% buffered formalin or Sodium Acetate Formalin (SAF).
<b>Volume/Amount Required:</b> >3 ml for liquid stools or 3 g for semisolid or solid stool.	<b>Preferred Specimen:</b> Fresh unpreserved stool kept refrigerated and tested within 24 hrs. of collection.
<b>Collection/Preservation:</b> Fresh or preserved stool in 10% formalin or SAF collected during acute or symptomatic phase of illness.	<b>Storage Instructions:</b> Store fresh stool at (2-8) C and test within 24 hrs or -20° C if tested >24hr. Preserved samples can be kept at room temperature and tested within 18 months.
<b>Causes for Rejection:</b> Stools delivered to the lab >24 hours or Concentrated.	<b>Sample Container:</b> Clean upright container for fresh stool or preserved sample in 10% formalin or SAF.
<b>Sample Test Kit:</b>	<b>Availability:</b> Test performed Mon, Wed, Fri
<b>Diagnostic Information:</b> Test detects an oocyst antigen of Cryptosporidium. It is used for human fecal specimens suspected of Cryptosporidium gastrointestinal infections.	
<i>Specimen Submission</i>	
<b>Request Form:</b> Standard clinical test request form or through computer interface.	<b>Specimen Handling:</b> Standard collection and handling procedures used in-house for fecal specimens for culture are appropriate.
<b>Transport Temperature:</b> Refrigerate if transferred within 24hours. Room temp for preserved specimens.	<b>Shipping Requirements:</b> Deliver refrigerated within 24 hours.



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<i>Billing</i>	
<b>CPT Code(s): 87328</b>	<b>Fees: \$25.00</b>
Effective Date: June 1, 2009	