



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

Section: Parasitology
Test Name: Giardia EIA

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



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preserved specimens.	
<i>Billing</i>	
CPT Code(s): 87329	Fees: \$25.00
Effective Date: June 1, 2009	