

**TEST CHANGE**

**Cysticercosis Antibody, IgG by ELISA**

0055284, CYST SER

<b>Specimen Requirements:</b>	
Patient Preparation:	
Collect:	Serum separator tube.
Specimen Preparation:	Transfer 1 mL serum to an ARUP <u>standard transport tube</u> <del>Standard Transport Tube</del> . (Min: 0.1 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens. Mark specimens plainly as " <u>acute</u> " <del>acute</del> or " <u>convalescent</u> " <del>convalescent</del> .
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	CSF. Contaminated, heat-inactivated, hemolyzed, icteric, or lipemic specimens.
<b>Remarks:</b>	
Stability:	After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month (avoid repeated freeze/thaw cycles)
Methodology:	Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)
Note:	
CPT Codes:	86682
New York DOH Approval Status:	This test is New York DOH approved.

**Interpretive Data:**  
Seroconversion between acute and convalescent sera is considered strong evidence of recent infection. The best evidence for infection is a significant change on two appropriately timed specimens where both tests are done in the same laboratory at the same time.  
  
Patients with collagen vascular diseases, hepatic cirrhosis, schistosomiasis, and other parasitic infections can produce false-positive results. There is a strong cross-reaction between cysticercosis and echinococcosis positive sera. Confirmation of positive ELISA results by the cysticercosis antibody, IgG by Western blot is recommended.

<u>Less than or equal to 0.9 IU Component</u>	<u>Negative: No significant level of cysticercosis IgG antibody detected, Unit Of Measure</u>	<u>Interpretation</u>
<u>1.0 IU</u>	<u>Equivocal: Recommend repeat testing in 2-4 weeks with fresh sample</u>	
<u>Greater than or equal to 1.1 IU</u> Cysticercosis Ab, IgG by ELISA	<u>&lt;9 U 9-11 U &gt;11 U</u>	<u>Negative -- No significant level of cysticercosis IgG antibody detected.</u>

Deleted Cells

Deleted Cells

		<p><del>Equivocal-</del> <del>Recommend</del> <del>repeat testing in</del> <del>2-4 weeks with</del> <del>fresh sample.</del> Positive → IgG antibodies to cysticercosis detected, which may suggest current or past infection.</p>
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**Reference Interval:**

Refer to report Number	Test Components	Reference Interval
	Cysticercosis Ab, IgG by ELISA	<9 U
Test Number	Components	Reference Interval
	Cysticercosis Ab, IgG by ELISA	Less than or equal to 0.9 IV

**HOTLINE NOTE:** There is a numeric map change associated with this test. Refer to the Hotline Test Mix for interface build information.

**HOTLINE NOTE:** There is a unit of measure change associated with this test. Refer to the Hotline Test Mix for interface build information.