

Overview**Method Name**

Enzyme-Linked Immunosorbent Assay (ELISA)

NY State Available

Yes

Specimen**Specimen Type**

CSF

Specimen Required**Specimen Type:** Spinal Fluid**Sources:** CSF**Container/Tube:** Sterile container**Specimen Volume:** 1 mL**Collection Instructions:** Submit 1 mL of spinal fluid (CSF) in a sterile, plastic screw-cap vial. Refrigerate specimen after collection and ship at refrigerate temperature.**Specimen Minimum Volume**

0.1 mL

Reject Due To

Hemolysis	NA
Lipemia	NA
Icteric	NA
Other	NA

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
CSF	Refrigerated (preferred)	14 days	
	Frozen	30 days	
	Ambient	7 days	

Clinical and Interpretive

Clinical Information

Cysticercosis is caused by infection with the larval form (cysticercus) of the pork tapeworm, *Taenia solium*. A negative test result does not exclude the diagnosis of neurocysticercosis, particularly if only a single brain lesion is present. Test sensitivity increases from 50% or less for a solitary brain cyst to greater than 90% if 3 or more cysts are present. Antibodies from other parasitic infection, particularly results by the cysticercus IgG antibody Western blot is thus recommended.

Reference Values

Reference Range: <0.75

Interpretive Criteria:

<0.75 Antibody Not Detected

> or =0.75 Antibody Detected

Diagnosis of central nervous system infections can be accomplished by demonstrating the presence of intrathecally-produced specific antibody. Interpretation of results may be complicated by low antibody levels found in CSF, passive transfer of antibody from blood, and contamination via bloody taps. Antibodies to other parasitic infections, particularly echinococcosis, may crossreact in the cysticercus IgG ELISA. Confirmation of positive ELISA results by the cysticercus IgG antibody Western blot is thus recommended.

Performance

PDF Report

No

Day(s) Performed

Tuesday, Friday

Specimen Retention Time

6 weeks

Performing Laboratory Location

Quest Diagnostics Infectious Disease

Fees and Codes

Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

CPT Code Information

86682

LOINC® Information



Test ID	Test Order Name	Order LOINC Value
FCAEC	Cysticercus Ab (IgG), ELISA, CSF	35391-2

Result ID	Test Result Name	Result LOINC Value
Z5676	Cysticercus Ab (IgG), ELISA, CSF	35391-2