MAYO CLINIC LABORATORIES

Test Definition: FCAEC

Cysticercus Antibody (IgG), ELISA, CSF

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

Gross hemolysis	Reject
Gross lipemia	Reject
Gross icteric	Reject
Other	Bacterially contaminated specimens

Specimen Stability Information

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

Clinical & Interpretive

Clinical Information

Cysticercosis Antibody (IgG), ELISA, CSF-Cysticercosis is a tissue infection with larval (cysticercus) cysts of the pork tapeworm, *Taenia solium* in which the patient serves as an intermediate host for the parasite. The most common manifestation is neurocysticercosis which occurs when the larvae invade the central nervous system, often presenting as seizures, or chronic meningitis. Antibodies directed against other parasitic infections, particularly echinococcosis, may cross-react in the cysticercus IgG ELISA. Confirmation of positive cysticercus ELISA result s by IgG antibody western blot is 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

Report Available

9 days

Specimen Retention Time

6 weeks

Performing Laboratory Location

Quest Diagnostics

Fees & 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 account representative. 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