

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.

Reject Due To

Hemolysis Mild OK; Gross reject

Lipemia Mild OK; Gross reject

Icterus Mild OK; Gross reject

Other Non CSF specimens; bacterially contaminated specimens

Specimen Minimum Volume

0.5 mL

Specimen Stability Information

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

Clinical & Interpretive

Reference Values

Reference Range:

IgG:<0.90

IgM:<0.80

INTERPRETIVE CRITERIA:

IgG:

<0.90Antibody not detected

0.9-1.09Equivocal

>or=1.10Antibody detected

IgM:

<0.80Antibody not detected

0.80-0.99Equivocal

Interpretation

Diagnosis of central nervous system infections can be accomplished by demonstrating the presence of intrathecally-produced specific antibody. Interpreting results may be complicated by low antibody levels found in CSF, passive transfer of antibody from blood and contamination via bloody taps. The interpretation of CSF results must consider CSF-serum antibody ratios to the infectious agent.

Performance

PDF Report

No

Performing Laboratory Location

Quest Diagnostics Infectious Disease

Fees & Codes

Test Classification

CPT Code Information

86777-IgG

86778-IgM

LOINC® Information

| Test ID | Test Order Name | Order LOINC Value |
|---------|------------------------------------|-------------------|
| FGGMC | Toxoplasma gondii IgG and IgM, CSF | Not Provided |

| Result ID | Test Result Name | Result LOINC Value |
|-----------|------------------|--------------------|
| Z5528 | T. gondii IgG | 30038-4 |
| Z5529 | T. gondii IgM | 31178-7 |