



# Test Definition: FGGMC

Toxoplasma gondii Antibodies (IgG, IgM),  
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

0.5 mL

### Reject Due To

|                 |   |
|-----------------|---|
| Gross Hemolysis | Reject  |
| Gross Lipemia   | Reject  |
| Gross Icterus   | Reject  |
| Other           | Non CSF specimens; 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

### Reference Values

Reference Range:

IgG: <0.90

IgM: <0.80

#### INTERPRETIVE CRITERIA:

IgG:

<0.90      Antibody not detected

0.9-1.09      Equivocal

>or=1.10      Antibody detected

IgM:

<0.80      Antibody not detected

0.80-0.99      Equivocal

>or=1.00      Antibody detected

### 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.

## Performance

### PDF Report

No

### Day(s) Performed

Tuesday through Friday

### Report Available

3 to 10 days

### Performing Laboratory Location

Quest Diagnostics

## Fees & Codes

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**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**

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    | 30568-0             |
| Z5529     | T. gondii IgM    | 30569-8             |