

Overview

Method Name  
Culture/Neutralization

NY State Available  
Yes

Specimen

Specimen Type  
Serum

Specimen Required  
Specimen Type: Serum  
Container/Tube: Red or SST  
Specimen Volume: 1 mL

Collection Instructions: Draw blood in a plain red-top tube(s), serum gel tube(s) is acceptable. Spin down and send 1 mL of serum refrigerate in a plastic vial.

Specimen Minimum Volume  
0.5 mL

Reject Due To

Specimen Stability Information

| Specimen Type | Temperature              | Time    | Special Container |
|---------------|--------------------------|---------|-------------------|
| Serum         | Refrigerated (preferred) | 14 days |                   |
|               | Ambient                  | 5 days  |                   |
|               | Frozen                   | 30 days |                   |

Clinical & Interpretive

Clinical Information  
This sensitive procedure is recommended for vaccine response testing and type-specific serodiagnosis of recent poliovirus infection. It can also serve as an aid for diagnosing immune deficiency disorders.

Reference Values

Polio 1 Titer: <1:8  
Polio 3 Titer: <1:8

The presence of neutralizing serum antibodies (titers 1:8 up to >1:128) against polioviruses implies lifelong immunity. Some persons without detectable titers (<1:8) may also be immune as demonstrated by elicitation of a secondary-type serum antibody response upon rechallenge with live polio vaccine.

Performance

PDF Report

No

Day(s) Performed

Monday and Thursday

Report Available

1 to 10 days

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](#).

Test Classification

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information

86382 x 2

LOINC® Information

| Test ID | Test Order Name | Order LOINC® Value |
|---------|-----------------|--------------------|
|---------|-----------------|--------------------|

# Test Definition: FPOLO

Poliovirus (Types 1, 3) Antibodies,  
Neutralization

|       |                                  |         |
|-------|----------------------------------|---------|
| FPOLO | Poliovirus (Types 1, 3) Ab, Neut | 68320-1 |
|-------|----------------------------------|---------|

| Result ID | Test Result Name | Result LOINC® Value |
|-----------|------------------|---------------------|
| Z4806     | Polio 1 Titer    | 22446-9             |
| Z4807     | Polio 3 Titer    | 22450-1             |