

Overview

Method Name

Culture/Neutralization

NY State Available

Yes

Specimen

Specimen Type

Serum

Specimen Required**Specimen Type:** Serum**Collection Container/Tube:****Preferred:** Red top**Acceptable:** Serum gel**Submission Container/Tube:** Plastic vial**Specimen Volume:** 1 mL**Collection Instructions:**

1. Centrifuge and aliquot 1 mL of serum into a plastic vial.
2. Ship refrigerated.

Specimen Minimum Volume

0.5 mL

Reject Due To

All specimens will be evaluated at the performing laboratory for test suitability.

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

Interpretation

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

Test Definition: FPOLO

Poliovirus (Types 1, 3) Antibodies,
Neutralization

LOINC® Information

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