

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