

**Reporting Title:** Poliovirus (Types 1, 3) Ab, Neut  
**Performing Location:** Quest Diagnostics

**Specimen Requirements:**

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

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
Z4806	Polio 1 Titer	Alphanumeric		22446-9
Z4807	Polio 3 Titer	Alphanumeric		22450-1

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

86382 x 2

**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.