

**Reporting Title:** Chikungunya Virus, PCR, Serum  
**Performing Location:** Rochester

**Additional Testing Requirements:**  
Due to the short period in which chikungunya RNA may be detected in serum, testing serum for IgM- and IgG-class antibodies to chikungunya virus is also recommended. See CHIKV / Chikungunya IgM and IgG, Antibody, Serum.

Testing for RNA or IgM-class antibodies to dengue and Zika viruses, concurrently with chikungunya virus testing should also be considered, given the overlapping clinical syndromes seen with these viruses.

**Specimen Requirements:**

**Collection Container/Tube:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container:** Sterile container

**Specimen Volume:** 0.5 mL

**Collection Instructions:**

- 1. Collect whole blood in a serum gel tube.
- 2. Centrifuge and aliquot the serum into a sterile container within 6 hours of collection.
- 3. Label specimen as serum.

**Forms:**

If not ordering electronically, complete, print, and send a [Microbiology Test Request](#) (T244) with the specimen.

| Specimen Type | Temperature              | Time   | Special Container |
|---------------|--------------------------|--------|-------------------|
| Serum         | Refrigerated (preferred) | 7 days |                   |
|               | Frozen                   | 7 days |                   |

**Result Codes:**

| Result ID | Reporting Name                | Type         | Unit | LOINC®  |
|-----------|-------------------------------|--------------|------|---------|
| 603833    | Chikungunya Virus, PCR, Serum | Alphanumeric |      | 81152-1 |

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

**Supplemental Report:**

No

**CPT Code Information:**

87798

**Reference Values:**

Negative

Reference values apply to all ages.