

## Overview

### Method Name

Immunofluorescence Assay (IFA)

### NY State Available

Yes

## Specimen

### Specimen Type

Serum

### Specimen Required

**Specimen Type:** Serum

**Collection Container/Tube:** Red or SST

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1mL

#### Collection Instructions:

1. Draw blood in a plain red-top tube(s), serum gel tube(s) is acceptable.
2. Centrifuge and send 1 mL serum in a screw-capped vial, shipped refrigerate.

### Specimen Minimum Volume

0.5 mL

### Reject Due To

|            |                       |
|------------|-----------------------|
| Hemolysis: | Mild OK; Gross Reject |
| Thawing:   | Warm OK; Cold OK      |
| Lipemia:   | Mild OK; Gross Reject |
| Icterus    | Mild OK, Gross Reject |

### Specimen Stability Information

| Specimen Type | Temperature              | Time    | Special Container |
|---------------|--------------------------|---------|-------------------|
| Serum         | Refrigerated (preferred) | 14 days |                   |
|               | Ambient                  | 7 days  |                   |
|               | Frozen                   | 30 days |                   |

## Clinical & Interpretive

**Reference Values**

Reference Range:

IgG &lt;1:320

IgM &lt;1:20

Human Herpesvirus 7 (HHV-7), a close relative of HHV-6, is found in >85% of the population, with transmission occurring in early childhood. Like HHV-6, HHV-7 is a cause of exanthem subitum (roseola infantum). Due to the ubiquitous nature of HHV-7 infection, >80% of individuals in the general population exhibit HHV-7 IgG titers  $\geq 1:20$ ; however, only 5% of these individuals exhibit titers  $>1:320$ . Thus, HHV-7 IgG titers  $> 1:320$  are suggestive of recent HHV-7 infection. Detection of HHV-7 specific IgM is also indicative of recent infection.

**Performance****PDF Report**

No

**Day(s) Performed**

Thursday

**Report Available**

3 to 11 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**

86790 x 2

---

**LOINC® Information**

| Test ID | Test Order Name                     | Order LOINC® Value |
|---------|-------------------------------------|--------------------|
| FH7GM   | Herpesvirus 7 IgG/IgM Ab Panel, IFA | 41842-6            |

| Result ID | Test Result Name                | Result LOINC® Value |
|-----------|---------------------------------|---------------------|
| Z3000     | Herpesvirus 7 IgG Antibody, IFA | 26972-0             |
| Z3001     | Herpesvirus 7 IgM Antibody, IFA | 27177-5             |