

Overview

Method Name

Real-Time Polymerase Chain Reaction (RT-PCR)

NY State Available

Yes

Specimen

Specimen Type

Plasma EDTA

Specimen Required

Specimen Type: Plasma (Preferred)

Collection Container/Tube: Lavender-top (EDTA) tube or, yellow-top (ACD-A) or white top (PPT) tube(s).

Specimen Volume: 0.7 mL

Submission Container/Tube: Plastic vial

Collection Instructions:

1. Draw blood in a lavender-top (EDTA), yellow-top (ACD-A) or white top (PPT) tube(s).
2. Centrifuge and transfer 0.7 mL EDTA, or ACD-A or PPT plasma to a screw-cap plastic vial. Submit frozen.

Specimen Minimum Volume

0.3 mL

Reject Due To

| | |
|-----------------------------|---|
| Other reasons for rejection | Specimens other than serum, plasma; anticoagulant other than ACD, EDTA, PPT |
|-----------------------------|---|

Specimen Stability Information

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------|----------|-------------------|
| Plasma EDTA | Frozen (preferred) | 30 days | |
| | Ambient | 48 hours | |
| | Refrigerated | 7 days | |

Clinical & Interpretive

Clinical Information

JC Polyoma Virus DNA, Quantitative Real-Time PCR, Serum/Plasma – JC Polyoma Virus is the cause of Progressive Multifocal Leukoencephalopathy (PML), a severe demyelinating disease of the central nervous system. PML is a particular concern for individuals infected with the human immunodeficiency virus. Quantification of JC virus DNA is based upon the real-time PCR amplification and detection of JCV genomic DNA. Reportable range is 50 to 50,000,000 IU/mL (1.70 to 7.70 Log IU/mL).

Reference Values

JC Virus DNA, QN PCR: Not Detected (IU/mL)

JC Virus DNA, QN PCR: Not Detected (LogIU/mL)

Performance**PDF Report**

No

Day(s) Performed

Monday through Sunday

Report Available

3 to 5 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 the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information

87799

LOINC® Information

Test Definition: FJCQP

JC Polyoma Virus DNA, Quantitative Real-Time
PCR, Plasma

| Test ID | Test Order Name | Order LOINC® Value |
|---------|----------------------|--------------------|
| FJCQP | JC Virus DNA, QN PCR | Not Provided |

| Result ID | Test Result Name | Result LOINC® Value |
|-----------|----------------------|---------------------|
| Z6085 | Source | 31208-2 |
| Z6086 | JC Virus DNA, QN PCR | 101342-4 |
| Z6087 | JC Virus DNA, QN PCR | 101731-8 |