MAYO CLINIC LABORATORIES

Test Definition: FJCQP

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

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) tube(s).
Specimen Volume: 0.7 mL
Submission Container/Tube: Plastic vial
Collection Instructions:
1. Draw blood in a lavender-top (EDTA) tube or yellow-top (ACD-A) tube(s).
2. Centrifuge and transfer 0.7 mL EDTA or ACD-A 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

Specimen Stability Information

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

Clinical & Interpretive

Clinical Information

JC 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 50-50,000,000 IU/mL (1.70-7.70 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

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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	Unable to Verify
Z6087	JC Virus DNA, QN PCR	100685-7