

JC Virus, Molecular Detection, PCR, Spinal Fluid

Test ID: JCPCR

Useful for:

Aiding in diagnosing progressive multifocal leukoencephalopathy due to JC virus.

This test is not to be used as a diagnostic tool for Creutzfeldt-Jakob disease.

This test is not recommended for screening asymptomatic patients.

Methods:

Real-Time Polymerase Chain Reaction (PCR)/DNA Probe Hybridization

Reference Values:

Negative

Specimen Requirements:

Supplies:	Sarstedt Aliquot Tube, 5 mL (T914)
Preferred:	12 x 75-mm screw cap vial
Acceptable:	Sterile screw cap vial
Container/Tube:	Sterile vial
Specimen Volume:	0.5 mL
Collection Instructions:	Do not centrifuge.
Minimum Volume:	0.3 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
CSF	Refrigerated (preferred)	7 days
	Frozen	7 days

Cautions:

A negative result does not rule out the possibility of JC virus (JCV) infection.

The reference value in cerebrospinal fluid is "negative" for this assay, although JCV DNA may be detectable in the absence of clinical symptoms in certain patient populations. However, this assay is only to be used for

patients with appropriate neurological and neuroradiological features of progressive multifocal leukoencephalopathy and is not indicated for screening asymptomatic patients.

CPT Code:

87798

Day(s) Performed: Monday through Friday

Report Available: 1 to 4 days

Questions

Contact James Conn, Laboratory Technologist Resource Coordinator at 800-533-1710.