

Patient Name	: Mr MR.DUMMY	Sample Collected	: Apr 26, 2024, 01:00 PM.
DOB/Age/Gender	: 23 Y/Male	Report Date	: May 07, 2024,03:53 PM.
Patient ID / UHID	: 8053093/RCL7249630	Barcode No	: MD071882
Referred By	: Dr. X	Report Status	: Final Report
Sample Type	: CSF		

JC Virus Quantitative, PCR

TEST NAME	RESULT	LOG VALUE	UNIT
JC Virus (JCV) DNA PCR	Target Not Detected	N/A	Copies/ml

INTERPRETATION:

Result (Copies/ml)	Comment
Target Not Detected	JC virus DNA Not Detected
Below Detection Limit	JC virus DNA detected, but below the lower limit of linear range of the assay I.e. <100 Copies /ml
>100 - 10 ¹⁰	JC virus DNA Detected within the linear range of the assay
Above 10 ¹⁰	JC virus DNA Detected above the linear range of the assay
Indeterminate	Presence of inhibitors in the sample

METHOD

Real-Time Polymerase Chain Reaction (RT-PCR)- Quantitative

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

BIOLOGICAL REFERENCE RANGE

NOT DETECTED

CLINICAL INFORMATION

JC virus (JCV), a member of the genus Polyomavirus, is a small nonenveloped DNA-containing virus. Primary infection occurs in early childhood, with a prevalence of greater than 80%. The virus is latent but can reactivate in immunosuppressed patients, especially those with AIDS. JCV is recognized as the etiologic agent of progressive multifocal leukoencephalopathy (PML), a fatal demyelinating disease of the central nervous system.


LIMITATION:

1. PCR is a highly sensitive technique; common reasons for paradoxical results are contamination during specimen collection, selection of inappropriate specimen & inherent PCR inhibitors in the sample.
2. This test amplifies conserved nucleic acid sequence of live (active infection) as well as dead (on treatment) pathogens, test results to be correlated with all clinical and laboratory findings.
3. An interpretation of "Not Detected" does not rule out the presence of inhibitors or DNA concentration below the level of detection of the assay. Care should be taken in the interpretation of any single viral load determination.

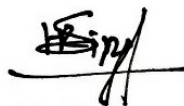
*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.


Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.



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Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
 Processing Lab :-

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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
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