



SRF ID : 0767002051664

Name : Ms. RITIKA TOMER

Ref. By : NHMC

Sent By : Delhi Government

NHMCDLH : 152922

Age : 40 Yrs. Sex : F

Printed : 16/12/2021 12:30

Sample Collection : 15/12/2021 12:22

Sample Received : 15/12/2021 21:35

Report Released : 16/12/2021 11:03

SARS-CoV2 (COVID-19) Real Time RT PCR Test

Type of Sample : Nasopharyngeal Swab in Viral Transport Medium
Method : RT PCR
E/N gene : Not Detected
ORF1a/ORF1b/N/N2 Gene : Not Detected

Test Description	Result
SARS CoV2 RNA, PCR*	NEGATIVE

Test Interpretation:

- A 'Detected' result indicates SARS-CoV-2 RNA is detected from the patient's specimen by this assay.
- A 'Not Detected' result indicates SARS-CoV-2 RNA is not detected from the patient's specimen by this assay.

Test Utilization

- For diagnosis of COVID 19 infection.
- For follow-up of COVID 19 positive patients.

Test Methodology:

- Kit used: MyLabs
- Genes Tested: N gene, and N2 gene (ORF-1ab) gene

Note:

- This assay helps screen several variants of SARS CoV 2 eg. UK variant, South African variant, Brazilian variant by targeting multiple targets including the spike protein gene, 'S' gene, which has undergone major mutations resulting in increased infectivity and spread. However, it doesn't help differentiate between them. Such samples are sent for further evaluation studies (WGS) as directed by state and local authorities as per guidelines issued by ICMR.
- Negative results do not preclude SARS-CoV-2 infection and should not be used as the sole basis for patient management decisions.
- The report represents only the specimen received in laboratory. Kindly correlate clinically.
- The COVID-19 RT-PCR test is a real time reverse transcription polymerase chain reaction (rRT-PCR) test for the qualitative detection of nucleic acid from SARS-CoV-2 in upper and lower respiratory specimens. The kit used is validated for emergency use for respiratory samples by CDC.
- ICMR has recommended not to rely on numerical Ct values for determining infectiousness of COVID-19 patients and deciding patient management protocols citing the following explanations.

References:

- <https://www.mohfw.gov.in/pdf/SOPforSurveillanceandresponseforthenewSARSCov2variant.pdf>
- <https://www.icmr.gov.in/ctechdocad.html>. Advisory_on_correlation_of_COVID_severity_with_Ct_values.pdf

----- End Of Report -----




Dr. Gautam Wankhede
M.D. Pathology

**Sample has been collected outside the laboratory. The results pertain to the sample received.

Mobile Testing Van at:

- Lal Bahadur Shastri Hospital**, 384, Indra Camp, Khichripur, Kalyan Puri, Delhi – 110091
- Nehru Homoeopathic Medical College and Hospital**, Defence Colony, New Delhi - 110024

Testing Partner

