



Name : MUHAMMED NASEEF M K Age / Sex : 27 Year(s) / Male Registered On : 12/01/2022 02:13 PM
Patient ID : OH023019 Ref. Doctor : Received On : 12/01/2022 02:17 PM
Visit No. : 2123149 Client : Home Collection Reported On : 13/01/2022 03:43 PM
Mobile No. : 9846940311 Passport No.:
SRF ID : 2952523856946

MOLECULAR BIOLOGY**SARS-CoV-2(COVID19) Detection (Qualitative) by Real Time RT PCR***

Test	Qualitative RNA detection of SARS-CoV-2(COVID19)
Specimen Type	Nasopharyngeal & Oropharyngeal
Test Description	N and ORF 1ab gene detection
N gene (CT value)	NOT DETECTED
ORF 1ab gene (CT value)	NOT DETECTED
SARS-COV-2 RNA	NEGATIVE

Interpretation guidelines:

A. For result as "**DETECTED**": 1) Detected result indicates presence of SARS-CoV-2. 2) A repeat test of freshly collected specimen may give different result due to decrease in viral load/varied viral shedding/variability in sample collection. 3) Patients with "Detected" result may be asymptomatic. 4) A detected result does not distinguish between a viable/replicating organism and a non-viable organism.

B. For result as "**NOT DETECTED**": 1) "Not Detected" result indicates absence of SARS-CoV-2 in the given specimen. However, it does not rule out the infection completely. 2) "Not detected" result may be seen due to -test done too early or too late where the virus load is below detection limit and due to viral mutations. 3) If a subsequent test is tested positive (detected), it may indicate an infection acquired subsequently or increase in viral load to detectable level after the first test.

Note: "Ct Values stated above may be influenced by pre-analytical factors including sample type, sample collection, testing kit used and between testing laboratories, and are not indicative of severity of disease or disease progression. It is recommended that these values should not be used in therapeutic or patient management related decisions"

Instrument used for RTPCR: Applied Biosystems Quant Studio QS 5 Real-Time PCR System Kit used: Testing for SARS-CoV-2 was performed on a commercial ICMR approved RT-PCR kit/ US FDA /CE IVD approved kits.

Covisure Real Time PCR Kit - Kit sensitivity: 100% Specificity: 100% Limit of detection < 1000 Copies/ml .

ICMR ID of Orchard Healthcare Private Limited Laboratory, Bangalore -OHPLBK

-- End of Report --



Dr. Arun R
MBBS MD (Microbiology)



Dr. Shivaji K Jadhav
Ph.D.,(NIRRH) ICMR
Head- Molecular Biology

