

Patient Name	: MS. MILONI RAMBHIYA	Patient ID / Billing ID	: 309977 / 442790
Age / Sex	: 25 / Female	Specimen Collected at	: CENTRAL LAB
Ref. Doctor	: SELF	Sample Collected On	: 18/12/2021 12:03
Ref. Client Name	: CENTRAL LAB	Billed On	: 18/12/2021 12:03
Sample ID	: G0176180821	Reported On	: 18/12/2021 18:27

MOLECULAR BIOLOGY REPORT

Test Name	Observed Value	Unit	Biological Reference Interval	Method
<u>SARS-COV-2 (COVID 19) DETECTION BY REAL TIME RT PCR</u>				
Method	Real Time PCR			
Specimen in VTM	Nasopharyngeal & Oropharyngeal Swab			
ORF1ab gene CT value	Not Detected			
N Gene CT value	Not Detected			
SARS-CoV2 (COVID-19) RNA	Not Detected			
PCR Test Result				

Kit Specifications

Kit details : Covisure, Confirmatory gene -ORF1ab & N

CT Cutoff: <=35

ICMR registration No : APDLMMH

INTERPRETATION :

Detected - Indicates presence of SARS-CoV-2 in the specimen
 Not Detected - Indicates absence of SARS-CoV-2 in the given specimen
 Inconclusive - Target is inconclusive, Advised to send fresh specimen for recheck

Clinical Significance :

COVID-19 is an infectious disease caused by the novel corona virus - 'SARS-CoV-2'. Most people infected with the COVID-19 virus experience mild to severe life threatening respiratory illness. The common signs of COVID-19 infection include respiratory symptoms, fever, cough, shortness of breath and breathing difficulties. In more severe cases, infection can cause pneumonia and severe acute respiratory syndrome.

Note:

- Kindly correlate clinically and with other relevant findings- if any related to the patient.
- As it is a qualitative assay, interpret CT values with caution.
- Borderline positive cases (CT value >30 may give variable results on repeat testing).

Scan to Validate

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- The possibility in variation is because of variation in kits and instrument used.
- The test is performed with ICMR approved kits.


Disclaimer :

- Positive results are indicative of active infection; however, the test does not distinguish between viable and nonviable virus.
- A 'Not Detected' result does not rule out the infection completely and should not be used as the sole basis for management of the disease.
- Sensitivity of the test would be influenced by the quality of the sample submitted and the stage of the infection.
- RT PCR is an extremely sensitive technique. False negative/inconclusive reports may be obtained due to –
 1. Inappropriate collection/ storage/ transport of sample.
 2. Presence of PCR inhibitors in the sample.
 3. Mutations in the target gene used for SARS-CoV-2 virus detection.

INSTRUCTIONS :

1. Details of all the positive patients will be communicated to ICMR/Epidemiology Cell.
2. "Detected" status needs to be notified to the appropriate authorities as per the existing rules/regulations.

****END OF REPORT****


Dr. Samir Pachpute
MD Microbiologist

Scan to Validate