



## LABORATORY INVESTIGATION REPORT

Patient Name	Mr. SIDHANT JAIN	Bill Date	15/12/2021 11:00AM
Age/Gender	24 Yrs 240Days/Male	Sample Date	15/12/2021 11:00AM
Reg No.	4430	Ack. Date	15/12/2021 12:00PM
Bed No / Ward	OPD	Finalize Date	16/12/2021 10:00AM
Doctor		Lab No	1047344

### MOLECULAR DIAGNOSTICS

#### COVID-19

Test Name	SARS-CoV-2 (COVID-19) QUALITATIVE REAL TIME PCR
Test Principle	Real Time RT-PCR
Sample Type	Nasal and Throat Swab

RESULT: (SARS-CoV-2)	NOT DETECTED
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### INTERPRETATION:

Detected	RNA Specific to SARS-CoV-2 Detected/tested positive for COVID-19
Not Detected	RNA Specific to SARS-CoV-2 Not Detected/ tested negative for COVID-19
Inconclusive	A repeat test on fresh sample is recommended

#### TEST LIMITATIONS:

1. A detected result does not distinguish between a viable/ replicating organism and a non-viable organism.
2. False Negative results may be seen in samples collected too early or too late in the clinical course of the illness. Kindly refer to the latest ICMR guidelines.
3. Presence of PCR inhibitors in the sample may prevent DNA amplification.
4. Sensitivity of this test depends upon the quality of the sample submitted for testing and stage of the infection.

#### NOTE:

- Negative result does not rule out the possibility of Covid-19 infection. Presence of inhibitors, mutations and insufficient RNA specific to SARS-CoV-2 can influence the test result. Kindly correlate the result with clinical findings.
- Sampling and testing of lower respiratory specimen like sputum, BAL or ET aspirate is strongly recommended in severe or progressive disease.
- The specimens for repeat test may be considered after a gap of 2 - 4 days after the collection of the first specimen for additional testing if required.
- Test conducted as per Kit approved by ICMR/CE-IVD/USFDA.
- Kindly consult referring Physician/Authority Govt.hospital for appropriate follow up.
- ICMR Registration number of Covid-19 is YASHGU.

Sachin

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