

## REPORT

Name	: Mr. M SRINIVAS	Sample ID	: 23068A06
Age/Gender	: 32 Years/Male	Reg. No	: 0382201210003
Referred by	: Dr. SELF	SPP Code	: SPL-BP-001
Referring Customer	: SagePath Labs -Bhopal-Lab to Lab	Collected On	: 21-Jan-2022 10: 30 AM
Primary Sample	: Nasopharyngeal and Oropharyngeal swabs	Received On	: 21-Jan-2022 10: 48 AM
Sample Tested In	: Viral Transport Medium	Reported On	: 23-Jan-2022 10: 33 AM
Client Address	:	Report Status	: Final Report

### MOLECULAR BIOLOGY

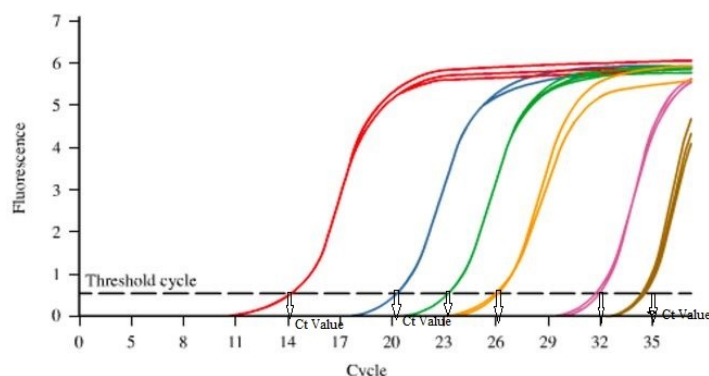
Test Name	Results	Units	Ref. Range	Method
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#### SARS-CoV-2 Qualitative RT PCR

SARS-CoV-2 (COVID-19) Result      Negative      NA      Real Time PCR

ICMR Registration number for Covid -19 is: SAPALAPVLHT

**What is the threshold cycle or Ct value?:**In a real time PCR assay a positive reaction is detected by accumulation of a fluorescent signal. The Ct (cycle threshold) is defined as the number of cycles required for the fluorescent signal to cross the threshold (ie exceeds background level). Ct levels are inversely proportional to the amount of target nucleic acid in the sample (ie the lower the Ct level the greater the amount of target nucleic acid in the



sample).

**Ct Values differ from kit to kit, lab to lab, Collection Process and transportation conditions and other factors.**

- COVID-19 detection requires identifying 3 genes; however 2 genes specific to SARS-CoV 2 (COVID-19) are sufficient for a positive detection.
- N-gene gene is for the detection of Sarbecovirus (Genus B-betacoronavirus) as a first line test. RdRp gene or ORF1ab gene are for detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and are the confirmatory tests.

**Limitations of the Test:** Performance of 2019-nCoV Real-Time RT-PCR Diagnostic Panel has only been established in upper and lower respiratory specimens (nasopharyngeal or oropharyngeal swabs, sputum, lower respiratory tract aspirates, bronchoalveolar lavage, and nasopharyngeal wash/aspirate or nasal aspirate).

Correlate Clinically.

\*\*\* End Of Report \*\*\*



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