

Sagepath Labs Pvt. Ltd.

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

: A0287481

: SPL-STS-172

: Final Report

: 0312406180019

REPORT

Sample ID

SPP Code

Name : Mr. KUCHIMANCHI KALYAN

Age/Gender : 47 Years 2 Months 18 Days/Male Reg. No

Referred by : Dr. SELF

Referring Customer : V CARE MEDICAL DIAGNOSTICS COVID 19 Collected On : 18-Jun-2024 12:03 PM Primary Sample : Nasopharyngeal and Oropharyngeal swabs Received On : 18-Jun-2024 12:45 PM

Sample Tested In : Viral Transport Medium Reported On : 18-Jun-2024 08:01 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status

MOLECULAR BIOLOGY

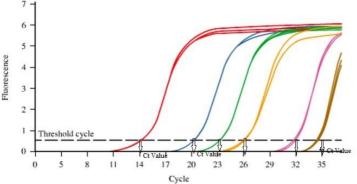
Test Name	Results	Units	Ref. Range	Method
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SARS-CoV-2 Qualitative RT PCR

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

Ct Value	Result
Negative	Negative results indicate the absence of SARS -CoV-2 in the specimen
Cts<=24	Strong positive reactions indicative of abundant target Viral RNA
Cts of 25 to 31	Positive reactions indicative of moderate amounts of Viral RNA
Cts >=31	Weak reactions indicative of minimal amounts of target nucleic acid (Viral RNA) which could present an infection state

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).



e in Health Care

- Ct Values differ from kit to kit, lab to lab, Collection Process and transportaion conditions and other factors.
- $1. \ COVID-19 \ detection \ requires \ identifying \ 3 \ genes; however \ 2 \ genes \ sepcific \ to \ SARS-CoV \ 2 \ (COVID-19) \ are \ sufficient \ for \ a \ positive \ detection.$
- 2. N-gene or E 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.

Laboratory is NABL Accredited

*** End Of Report ***









