

REPORT

Name	: Ms. GAJAM GEETANJALI	Sample ID	: 19110383
Age/Gender	: 12 Years/Female	Reg. No	: 0032104300145
Referred by	: Dr. SELF	SPP Code	: SPL-STS-164
Referring Customer	: UDAY DIAGNOSTICS	Collected On	: 11-Jan-2022 01:15 PM
Primary Sample	: Nasal and Throat Swabs	Received On	: 11-Jan-2022 01:15 PM
Sample Tested In	: Viral Transport Medium	Reported On	: 11-Jan-2022 09:00 PM
Client Address	: OPP: Vyjanthi Theatre ,Nacharam	Report Status	: Final Report

MOLECULAR BIOLOGY

Test Name	Results	Units	Ref. Range	Method
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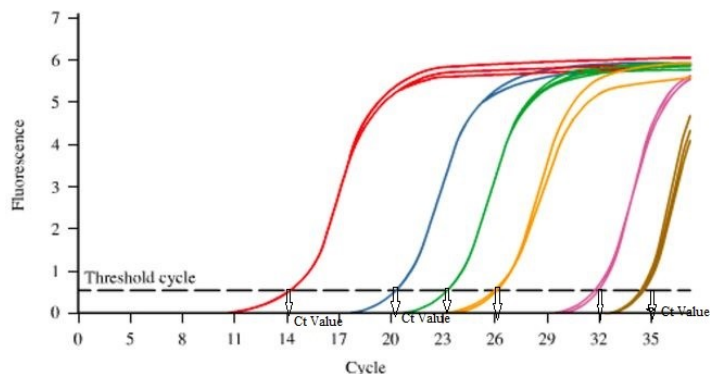
SARS-CoV-2 (COVID-19) RT PCR

SARS-CoV-2 (COVID-19) Negative N/A Real Time PCR

ICMR Registration number for Covid -19 is: SAPALAPVLHT

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).



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

1. COVID-19 detection requires identifying 3 genes; however 2 genes specific to SARS-CoV 2 (COVID-19) are sufficient for a positive detection.
2. E-gene gene is for the detection of Sarbecovirus (Genus B-betacoronavirus) as a first line test. RdRp gene or N-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).

*** End Of Report ***




DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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REPORT

Name	: Mr. GAJAM HAMSIKA	Sample ID	: 19110379
Age/Gender	: 06 Years/ FeMale	Reg. No	: 0032104300150
Referred by	: Dr. SELF	SPP Code	: SPL-STS-164
Referring Customer	: UDAY DIAGNOSTICS	Collected On	: 11-Jan-2022 01:17 PM
Primary Sample	: Nasal and Throat Swabs	Received On	: 11-Jan-2022 01:17 PM
Sample Tested In	: Viral Transport Medium	Reported On	: 11-Jan-2022 09:00 PM
Client Address	: OPP: Vyjanthi Theatre ,Nacharam	Report Status	: Final Report

MOLECULAR BIOLOGY

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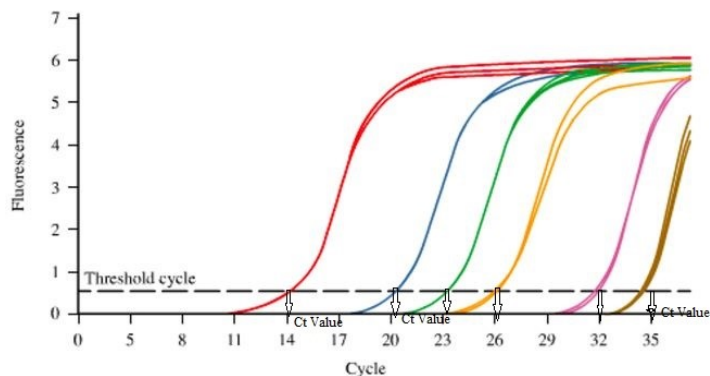
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Correlate Clinically.

*** End Of Report ***



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