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**RT-PCR  
Lab Report**



**SRINIVASA**  
MEDICAL CENTRE

Patient Name	: Mr. T MANIKANTA REDDY	Aadhar No	: 603925087253
Sex / Age	: Male / 21Years	Client Code	: SMC
Ref. Doctor	: SELF	Reg. On	: 26-03-2022 08:00:00 AM
Ref. Customer	:	Sample Received On	: 26-03-2022 08:45:00 AM
Sample ID	: SMC015137	Reported On	: 28-03-2022 12:59:00 AM

## DEPARTMENT OF MOLECULAR BIOLOGY AND CYTOGENETICS

### RT-PCR SARS-COVID2

Specimen: Both(Throat Swab & Nasopharyngeal Swab)

Method: RT-PCR

Result: NEGATIVE Indicates the absence of SARS CoV-2 (COVID-19)

<u>Gene Tested</u>	<u>Result</u>	<u>Ct Value</u>
N Gene	Not Detected	
RdRP	Not Detected	
E Gene	Not Detected	

#### Limitations

- Covid19 Qualitative test is a Real Time Reverse transcription Polymerase Chain Reaction [RT PCR] test, an in vitro qualitative assay for the qualitative detection of nucleic acid of Novel Corona Virus 2019 in respiratory specimens.
- Detection of confirmatory genes indicates the presence of SARS-CoV-2RNA in the specimen tested. The result related only to the specimen tested and should be correlated with clinical findings.
- Negative results do not preclude SARS-CoV-2 infection and should not be used as the sole basis for patient management decisions. They must be correlated with clinical observations, patient history and epidemiological information.
- Mutations or polymorphisms in the primer and probe binding sites, presence of PCR inhibition due to host factors may also cause false negative results.
- Fresh sample for RT PCR can be considered after a gap of 2-4 days if there is a strong clinical suspicion/contact of Covid19 patient.
- Repeat sampling and testing of lower respiratory specimen is strongly recommended in a severe or progressive disease.
- This test is a qualitative assay and does not quantify viral load. Various host factors, variability in Sample collection/site and techniques used by the laboratories can affect CT values. Therefore, CT values are not an absolute indication of viral load and should be interpreted with caution.
- COVID-19 test conducted as per kits approved by ICMR/CE-IVD/USFDA.

**\*\*ENDOFREPORT\*\***



DR.T. JAYA CHANDRA  
AUTHORIZED SIGNATORY