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**RT-PCR
Lab Report**



SRINIVASA
MEDICAL CENTRE

| | | | |
|---------------|-----------------------------|--------------------|--------------------------|
| Patient Name | : Mr. P Satvik Melki sedhik | Aadhar No | : 302831369909 |
| Sex / Age | : Male / 21Years | Client Code | : SMC |
| Ref. Doctor | : SELF | Reg. On | : 10-02-2022 09:30:00 AM |
| Ref. Customer | : | Sample Received On | : 10-02-2022 11:17:00 AM |
| Sample ID | : SMC015149 | Reported On | : 11-02-2022 09:58:00 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