



Certificate No: MC-2318



(A Unit of Sripath Diagnostics Pvt Ltd)

LABORATORY REPORT

Patient Name : **Mr DOMMATA SREEHAS**
 Age / Gender : 23 Year(s) / Male
 Ref. Doctor : PASSPORT NO Z5221574
 Ref. Customer : SHIVA DIAGNOSTICS
 Sample & SID : Swabs - 1479201

MR# : 811094
 Ordered By : CPL-TS-088 COVID
 Sample Drawn Date : 2022-08-28 18:20
 Registration Date : 2022-08-28 19:40
 Report Date : 2022-08-29 10:12

MOLECULAR BIOLOGY

TEST DESCRIPTION	RESULT	UNITS	BIOLOGICAL REFERENCE RANGE
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COVID-19(SARS-Cov 2)-Real time PCR

(Method: Real Time RT PCR)

N gene NOT DETECTED

Ct

(Method: Real Time PCR)

RdRp gene NOT DETECTED

Ct

(Method: Real Time PCR)

RESULT NEGATIVE

Interpretation:

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| Result | Comment |
|--------|---------|
|--------|---------|

|                                       |                                    |
|---------------------------------------|------------------------------------|
| N gene- Detected; RdRp gene- Detected | SARS-CoV-2 RNA detected. Positive. |
|---------------------------------------|------------------------------------|

|                                           |                                             |
|-------------------------------------------|---------------------------------------------|
| N gene- Not Detected; RdRp gene- Detected | SARS-CoV-2 specific RNA detected. Positive. |
|-------------------------------------------|---------------------------------------------|

|                                               |                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------|
| N gene- Not Detected; RdRp gene- Not Detected | The sample does not contain detectable amounts of SARS-CoV-2 RNA. Negative |
|-----------------------------------------------|----------------------------------------------------------------------------|

|                                           |                                    |
|-------------------------------------------|------------------------------------|
| N gene- Detected; RdRp gene- Not Detected | SARS-CoV-2 RNA detected. Positive. |
|-------------------------------------------|------------------------------------|

## NOTE:

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- ICMR Reg no. for COVID testing : CPALABSDHT
- Test performed on Nasopharyngeal + Oropharyngeal specimens sent in Viral Transport Medium.
- Test platform used: bioMérieux SARS COV2 RGENE® kit using QuantStudio™ 5 Real-Time PCR System.
- All results relate only to the specimen tested and should be correlated with other clinical and radiological findings.
- Negative results do not exclude the possibility of the SARS - CoV - 2 infection.
- If either of the target genes cannot be determined or will give intermediate results, further testing may be required using another kit with a different primer and probe.
- Collection of multiple specimens (types and time points) from the same patient may be necessary to detect the virus.
- False positive or negative results can be caused by poor specimen quality, improper sample collection transportation, laboratory processing, presence of PCR inhibitors and limitation of testing technology.
- Mutation in the target sequence of SARS - CoV - 2 or change in the sequence due to virus polymorphism may lead to false negative results.

Dr. KVIJENDRA
 CONSULTANT MICROBIOLOGIST

Tests performed at Cpathlabs Hyderabad NABL Accredited



Dr CP RANJANI
 MD, FRC (PATHOLOGY)