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327725 120122

**SRF ID :** 2747300367449 **GMCC :** 327725 **Sample Collection :** 12/01/2022 10:08

**Name :** Mr. RAMESH BHAWARLAL JANGID **Age :** 34 Yrs. **Sex :** M **Sample Received :** 12/01/2022 16:49

**Ref. By :** UPHC-2 RAMNAGAR CHANDRAPUR **ICMR ID :** 637211194 **Report Released :** 12/01/2022 22:21

**Sent By :** Direct

## SARS-CoV2 (COVID-19) Real Time RT PCR Test

| | | |
|---|---|---|
| Type of Sample | : | Nasopharyngeal Swab in Viral Transport Medium |
| Method | : | RT PCR |
| ORF1a/ORF1b/N/N2 Gene | : | Not Detected |

| Test Description | Result |
|---|---|
| SARS CoV2 RNA, PCR* | NEGATIVE |

**Test Interpretation:**

- A '**Detected**' result indicates SARS-CoV-2 RNA is detected from the patient's specimen by this assay.
- A '**Not Detected**' result indicates SARS-CoV-2 RNA is not detected from the patient's specimen by this assay.

**Test Utilization**

- For diagnosis of COVID 19 infection.
- For follow-up of COVID 19 positive patients.

**Test Methodology:**

- **Kit used: TAQPATH COVID-19 RT-PCR Kit** (Applied Biosystems by Thermofisher scientific)
- **Genes Tested: N gene, S gene and ORF-1ab gene and ORF-1ab gene.**

**Note:**

- This assay helps screen the UK variant of SARS CoV 2 by targeting the spike protein gene, '**S**' **gene**, which has undergone major mutations resulting in increased infectivity and spread.
- Negative results do not preclude SARS-CoV-2 infection and should not be used as the sole basis for patient management decisions.
- The report represents only the specimen received in laboratory. Kindly correlate clinically.
- The COVID-19 RT-PCR test is a real time reverse transcription polymerase chain reaction (rRT-PCR) test for the qualitative detection of nucleic acid from SARS-CoV-2 in upper and lower respiratory specimens. The kit used is validated for emergency use for respiratory samples by CDC.
- ICMR has recommended not to rely on numerical Ct values for determining infectiousness of COVID-19 patients and deciding patient m anagement protocols citing the following explanations.

**References:**

- https://www.mohfw.gov.in/pdf/SOPforSurveillanceandresponseforthenewSARSCov2variant.pdf
- https://www.icmr.gov.in/ctechdocad.html. Advisory_on_correlation_of_COVID_severity_with_Ct_values.pdf

*(Collected At: 12/01/2022 10:08:07, Received At: 12/01/2022 10:08:07, Reported At: 12/01/2022 22:21:21)*

---------- End Of Report ----------

*Reports are electronically generated and approved, hence no sign is required

**Sample has been collected outside the laboratory. The results pertain to the sample received.