

An ICMR Approved COVID-19 Testing Laboratory  
ICMR Registration No: LILALIHPLD



ISO 15189:2012  
MC-3913

Barcode: 501-4CN9YF-260421-LHC	Patient Name: VANSHIKA GUPTA	Age & Sex: 22 - Female
Collection Date: 13-Feb-2022 13:53	Receiving Date: 13-Feb-2022 13:53	Reporting Date: 13-Feb-2022 20:46
Referred By: Self	Clinic ID & Location: Delhi	SRF-ID / National-ID: 0707901286805 / 431641493645

Test Name	Result	Ct ORF1ab	Ct N-gene
COVID-19 RT-PCR	Positive	30	31

**METHODOLOGY:** Real-time Polymerase Chain Reaction (RT-PCR)

**SPECIMEN TYPE:** Nasopharyngeal and Oropharyngeal Swab

**INTERPRETATION:**

- The test is declared as SARS-CoV-2 positive when two SARS-CoV-2 targets are detected.
- The test is declared as SARS-CoV-2 negative when none of the two SARS-CoV-2 targets are detected.
- The test is declared as being inconclusive when only one SARS-CoV-2 target is detected. In such cases, retesting with a new sample is recommended.

**COMMENTS:**

1. Positive results are indicative of the presence of SARS-CoV-2 RNA. Clinical correlation with patient history and other diagnostic information is necessary to determine patient infection status. Positive results do not rule out bacterial infection or co-infection with other viruses.
2. Negative results do not preclude SARS-CoV-2 infection and should not be used as the sole basis for patient management decisions. Negative results must be combined with clinical observations, patient history, and epidemiological information.
3. False-negative results may arise from:
  - Improper sample collection or insufficient viral load in the sample
  - Degradation of the SARS-CoV-2 RNA during shipping/storage
  - The presence of RT-PCR inhibitors or mutation in the SARS-CoV-2 virus



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