



MC-4485

ICMR ID: SMPLMMH

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|-------------------|-------------------|------------------|-----------------------|
| Name of Patient | : AMIT KUMAR GOEL | Registration ID | : O101241221QS273 |
| Age/Gender | : 44 / M | Accession UID | : 1012412210LAFXT |
| Collection Centre | : Mumbai | Registration On | : 24-12-2021 05:41 PM |
| Ref. Doctor | : | Sample Collected | : 24-12-2021 05:42 PM |
| Sample Type | : NPS & OPS | Sample Received | : 24-12-2021 05:49 PM |
| Aadhaar | : 990224795913 | Reported On | : 24-12-2021 08:39 PM |
| Patient UID | : 101241221LS7R | Report Status | : FINAL REPORT |

MOLECULAR BIOLOGY

SARS COV2(COVID-19) RT-PCR TEST

| TEST NAME | RESULT | CT VALUE | | METHOD |
|-----------------------------|--------------|----------|-------------|--------|
| | | N-Gene | ORF1ab-Gene | |
| RT-PCR SARS CoV2 (Covid-19) | NOT DETECTED | - | - | RT-PCR |

INTERPRETATION:

The SARS-CoV-2 RNA is generally detectable in nasopharyngeal (NPS)/ oropharyngeal swabs (OPS) during the acute phase of infection. Positive results are indicative of active infection. Real Time PCR assay targets specific genes and can be used for diagnosis of SARS-CoV-2 virus infection which contributes to severe upper respiratory distress and complications.

- Negative (Not detected) (CT > 37) result does not preclude infection with SARS CoV-2 virus and should not be the sole basis of a patient management decision.
- Positive (Detected) (CT < 37) results are indicative of SARS CoV-2 RNA; clinical correlation with patient history and other diagnostic information is necessary to determine patient infection status.
- Detection of either one of the gene is inconclusive.
- Kindly correlate the results clinically.

Limitations:

- Negative results do not rule out the possibility of Covid-19 infection, limitations including but not limited to- Improper specimen collection - Mutation in the SARS-CoV-2 virus or PCR inhibition Kindly consult referring Physician/Authorized hospitals for appropriate follow up.
- Positive results do not rule out bacterial infection or co-infection with other viruses.
- If the virus mutates in the rRT-PCR target region, 2019-nCoV may not be detected or may be detected less predictably. Inhibitors or other types of interference may produce a false negative result.
- Follow-up testing may particularly be important if patient has a clinical picture of viral pneumonia, a potential exposure history, and/or radiographic findings consistent with COVID -19 pneumonia.

Note: Test is performed using ICMR approved Kit.

***** End Of Report *****



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