

## TEST REPORT

Mr. Muhammed Nishan E P

Age: 20 Years / Sex: Male

UID No: 4226 8233 4125



Reg No. 302509502683  
SRF ID: 2575/KZD/2021122977473  
Sample Collected At  
Gimcare Hospital

VID: AML-9896

Registered On: 29-Dec-2021 09.34 AM  
Sampled On: 29-Dec-2021 09.36 AM  
Reported On: 29-Dec-2021 04.42 PM

### SARS-CoV-2 (COVID 19) Detection (Qualitative) by Real Time PCR\*

#### Result :

|                         |                     |
|-------------------------|---------------------|
| <b>SARS-CoV2 RTPCR*</b> | <b>NOT DETECTED</b> |
|-------------------------|---------------------|

|                         |   |
|-------------------------|---|
| <b>Test</b>             | : Qualitative RNA detection of SARS-CoV-2 (COVID19)       |
| <b>Specimen Type</b>    | : Nasopharyngeal/Oropharyngeal Swab                       |
| <b>Test principle</b>   | : Real time reverse transcription PCR (ICMR approved kit) |
| <b>Test description</b> | : Detection of "N" Gene/RdRp Gene/ORF1A Gene              |

Apollo Medical laboratory ICMR registration: APMELAKK

#### Interpretation guidelines

##### A. For result as "DETECTED":

- 1) Detected result indicates presence of SARS-CoV-2
- 2) False positive is rare globally.
- 3) A repeat test of freshly collected specimen may give different result due to the following-
  - a. Viral load reduces day by day and one may clear virus as early as 4.3 days.
  - b. The new sample may have low viral load due to varied shedding of the virus.
  - c. Inherent variability due to improper sample collection and inadequate storage while due care is taken at Apollo Medical Laboratory.
- 4) 80% of patients with "Detected" result may be asymptomatic.
- 5) A detected result does not distinguish between a viable/replicating organism and a non-viable organism

##### B. For result as "NOT DETECTED":

- 1) "Not Detected" result indicates absence of SARS-CoV-2 in the given specimen. However, it does not rule out the infection completely and should not be used as the sole basis for making decisions related to treatment and other patient management decisions.
- 2) If a subsequent test is tested positive (detected), it may indicate an infection acquired subsequently or increase in viral load to detectable level after the first test.

#### Suggested clinical correlation

Abbreviations :- ICMR - Indian Council of Medical Research.

#### Reviewed by:

scientific officer



#### Authorized by:

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HOD-Molecular Biology