

**Reg. No.** R 1911996  
**Name** Mr. Kushal L S  
**Age** 30 Year(s) **Sex** Male  
**Reg. Date** 17/01/2022 11:32  
**Ref. By.** Doctor Not found  
**Corporate** NON CORPORATE  
**Reported On** 16/01/2022 16:13  
**Report Status**

### MOLECULAR BIOLOGY REPORT

Test Name	Result	Biological Reference Interval	Sample
<b>COVID-19 REAL TIME PCR (RT-PCR)</b>			
TEST	Qualitative RNA detection of SARS-CoV-2 (COVID19)		
SPECIMEN TYPE	Nasopharyngeal and oropharyngeal swab		
Test Description	N and ORF lab gene detection		
Date of birth	12/5/1991		
SRF ID	2952525457896		
Adhaar No.	346470749829		
CT value for N gene	38		
CT value for ORF 1 ab gene	39		
RESULT	NOT DETECTED		

**Instrument used for RT-PCR: Quant 5 studio**

**Kit used:** Testing of above SARS-CoV-2 sample was performed on a commercial ICMR approved RT-PCR kit/ US FDA EUA/CE IVD approved kits.

**ICMR guidelines do not recommend sole dependence on Ct Value for patient management.**

**ICMR Registration no : PADIAGBK**

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**COVID-19 REAL TIME PCR (RT-PCR)**

Interpretation guidelines:

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

- 1) A repeat test of freshly collected specimen may give different result due to decrease in Viral load/varied viral shedding/variability while collecting the sample.
- 2) Ct Values stated above may be influenced by pre-analytical factors like type of sample collection, testing kit used and between testing laboratories, and are not indicative of severity of disease or disease Progression.
- 3) It is recommended that these values should not be used in therapeutic or patient management related decisions.

**A. For result as "NOT DETECTED":**

- 1) "Not detected" result may be seen due to -test done too early or too late where the virus Load is below detection limit and due to viral mutations. So kindly correlate clinically, also with history of the patient.
- 2) If a subsequent test is tested positive, it may indicate an infection acquired subsequently or increase in viral load to detectable level after the first test.

**Clinical Interpretation:**

Several Acute respiratory Syndrome Corona virus 2 (SARS-CoV-2) is the causative agent of corona virus disease 2019 (COVID-19). Common symptoms include fever, cough, shortness of breath, muscle pain, sputum production, diarrhea, sore throat, abdominal pain and loss of smell or taste. Majority of cases result in mild symptoms while in a few cases it may progress to pneumonia and multi-organ failure. The virus is mainly spread by close contact and via respiratory droplets produced during cough or sneeze.

----- End of Report -----

**Verified By: VIDYALAKSHMI**

Sample	Collected Datetime
Upper respiratory swab	16/01/2022 11:32



*Trupthi*

**DR. TRUPTHI GOWDA**  
**CONSULTANT MICROBIOLOGIST**  
**KMC. NO 87170**

**DISCLAIMER :**