1mg Labs

1mg Technologies Private Limited
Mail Id : care@1mglabs.com
Phone No. : 0124-4006767
CIN : U74140DL2015PTC279229

Laboratory:
1mg Labs82/A, second floor,
Udyog Vihar Phase-IV,
Sector-18, Gurgaon - 122015

Registered Office:
Level 3, Vasant Square Mall,
Pocket V, Sector B,
Vasant Kunj New Delhi 110070 IN

SRF ID: 0707901534803

Name:	**Manoj Agarwal**	Order ID:	3002248
Age/Gender:	48 Y/Male	Registration Date:	08/July/2021 05:18PM
Patient ID:	062105300197	Collection Date:	09/July/2021 11:58AM
Barcode ID:	A2760234	Sample Receive Date:	09/July/2021 07:40PM
Referred By:	Self	Report Status:	Final
SampleType:	Oral & Nasopharyngeal Swab	Report Date:	10/July/2021 07:11AM

Molecular Biology

Test Name	Result	Unit	Bio Ref.Interval	Method
SARS-CoV-2 RT PCR				
SARS-CoV2 RT PCR	NEGATIVE			RT PCR

ICMR Registration Number : 1MGTPLGH

Methodology - Qualitative Nucleic Acid Amplification by **TRUPCR SARS-CoV-2 RT qPCR KIT.**

Sensitivity - The **TRUPCR SARS-CoV-2 RT qPCR KIT** can detect the presence of 5.2 RNA copies/reaction as per Berlin protocol (https://www.who.int/docs/default-source/coronaviruse/protocol-v2-1.pdf)

Clinical Significance: This test is used for the detection of coronavirus disease 2019 (COVID-19) illness due to severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). This test is approved by ICMR circular "https://www.icmr.gov.in/pdf/covid/techdoc/Advisory_on_correlation_of_COVID_severity_with_Ct_values.pdf" dated 30.05.2020.

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is a positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Like other coronaviruses that infect humans, SARS-CoV-2 can cause both upper and lower respiratory tract infection. Symptoms can range from mild (ie, the common cold) to severe (ie, pneumonia) in both healthy and immunocompromised patients.

SARS-CoV-2 transmission occurs primarily via respiratory droplets. During the early stages of COVID-19, symptoms maybe nonspecific and resemble other common respiratory tract infections, such as influenza. If testing for other respiratory tract pathogens is negative, specific testing for SARS-CoV-2 may be warranted.

SARS-CoV-2 is likely to be at the highest concentrations in the nasopharynx during the first 3 to 5 days of symptomatic illness. As the disease progresses, the viral load tends to decrease in the upper respiratory tract, at which point lower respiratory tract specimens (eg, sputum, tracheal aspirate, bronchoalveolar fluid) would be more likely to have detectable SARS-CoV-2.

Limitations : PCR is a highly sensitive technique ; common reasons for paradoxical result Contamination during specimen

Kindly correlate clinically

Dr Dhananjay Singh
MBBS, M.D. (Pathology)

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collection,selection of inappropriate specimens and inherent PCR inhibitors in the specimen.

Interpretation Guidelines:

Observation	REMARKS
E Gene - Detected RdRp/N Gene - Detected	SARS-CoV-2 Positive
E Gene - Not Detected RdRp/N Gene - Detected	SARS-CoV-2 Positive
E Gene - Detected RdRp/N Gene - Not Detected	Sarbecovirus Positive (Further Testing Required)
E Gene - Not Detected RdRp/N Gene - Not Detected	Test Sample is negative for SARS-CoV-2

*** End Of Report ***

Kindly correlate clinically

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