

Visit Id: R7358611

Sample Source: COVID-GOVT. / BBMP EAST

Name: MR SAGAR S			Registered: 18/11/2020 19:14
Age: 18 Year(s)	Gender: M	Contact No.: 9483254459	Reported: 19/11/2020 13:26
UID: 2952504149325	Referring Dr.:		Report Status: Final

MOLECULAR BIOLOGY

Test Name	Test Result	Biological Reference Range	Sample
2019 Novel Corona Virus Real Time PCR			
*Sample Type	Nasopharyngeal / Oropharyngeal		
*COVID-19 E Gene	POSITIVE		
*COVID-19 E Gene Ct Value	32		
*COVID-19 ORF1B Gene	POSITIVE		
*COVID-19 ORF1B Gene Ct value	33		
*COVID-19 N Gene	POSITIVE		
*COVID-19 N Gene Ct Value	33		
*Sample Quality Check(RNase-P/MS2)	PASSED		
*Interpretation	POSITIVE FOR SARS COV-2		

COMMENT:

1. Testing for SARS-CoV-2 was performed on a commercial ICMR approved RT-PCR kit/ US FDA EUA/CE IVD approved kits.
2. Negative results do not preclude SARS-CoV-2 and should not be used as the sole basis for patient management decisions. Kindly repeat test after 48 to 72 hrs if clinically suspected.
3. Viral nucleic acid may persist in vivo independent of virus viability. Detection of the analyte target does not indicate that the viruses are infectious or are the causative agents of symptoms.
4. False negative results may be attributable to improper sample collections, improper transport, treatment, PCR inhibitors, etc.
5. The results of this test pertain to the sample received.
6. As per ICMR guidelines, the contact and test details of all patients undergoing COVID-19 testing need to be uploaded on the ICMR reporting portal and the same will be accessed by stakeholders including IDSP, MoHFW for timely initiation of contact tracing and appropriate control measures.
7. ICMR ID of Neuberg Anand Reference Laboratory, Bangalore - NEUBE001
8. Limit of Detection of RT-PCR Kit = 20 Copies/20ul Reaction. Kits with low limits of detection (LOD) are more sensitive in picking up very low levels of viral RNA.
9. Ct Values stated above may be influenced by pre-analytical factors including sample type, sample collection, testing kit used and between testing laboratories, and are not indicative of severity of disease or disease progression. It is recommended that these values should not be used in therapeutic or patient management related decisions.
10. Negative result indicate a Ct Value >40 as per the testing kit used.

----- End of MOLECULAR BIOLOGY Report -----

 Reviewed By
 Dr. Sneha S Hegadi



 Dr. Sneha S. Hegadi
 Consultant Microbiologist
 Reported On 19/11/2020 13:27
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