

## ANAND MOLECULAR LABORATORY

The Molecular Basis of Human Diseases

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Reg.Date : 25/01/2022 08:50 Member Id. : **DIAY6865000 /9924440802** 

Colle. Time : 25/01/2022 08:50 Repo. Time : 25/01/2022 12:26

Real Time PCR (Qualitative Detection of SARS-COV) (ICMR NO. ANMOLAG)

(Specimen: Nasopharyngeal Swab & Oropharyngeal Swab)

**Method:** Real Time Polymerase Chain Reaction (PCR)

N1 and N2 Gene	NOT DETECTED - NEGATIVE
INTERNAL CONTROL	PASS

**Result:** 

2019-nCOV NOT DETECTED - NEGATIVE

**LOW VIRAL LOAD: CT > 35** 

**MODERATE VIRAL LOAD: CT BETWEEN 15 TO 35** 

**HIGH VIRAL LOAD: CT < 15** 

Note: Viral load differentiation is for better understanding of diseased condition and patient treatment. Low viral load must be correlated with clinical and radio logical findings for better interpretation.

· Categories of viral load is based on cycle threshold (Ct) detected by RT PCR.

## Disclaimer:

Clinical diagnosis and treatment of patients should be considered in combination with other symptoms/ signs, medical history and treatment response. False positive results may be obtained due to background RNA environmental contamination in lab before it is identified and corrective, preventive actions are taken. There are changes of result variations between various labs and institute due to preanalytical, analytical and post analytical variables like sample collection, transfer, storage and processing, difference in kit sensitivity, and any mistakes may lead to inaccurate results. Each batch of assays is run along with positive and negative control and kits approved by ICMR.

End Of Report

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