



Patient Name : MR ABDUL MUDASSIR MOHAMMED (P.P NO:- S9707159)

Age/Gender : 23 Year(s) / Male Sample Drawn Date :2022-08-10 16:01 Sample Type : Nasopharyngeal and Oropha Sample Regd Date :2022-08-10 17:31

Sample ID : AA4052247 Sample Auth Date :2022-08-10 20:17

Ref. Doctor : Dr. HYDERABAD, Telangana

MEDID: 10418157



## COVID

UNITS **TEST DESCRIPTION** RESULT **BIOLOGICAL REFERENCE RANGES** 

### SARS COV2 COVID19 BY RT PCR

SARS COV 2 (Covid 19)

(Method: REAL TIME POLYMERASE CHAIN REACTION - RT PCR)

(Method: Derived)

**NEGATIVE** 

40 Greaterthan >35 NEGATIVE

Lessthan < 35 POSITIVE

CT Value is only informative it has no

correlation with Viral Load

Visit 2 2022/08/10 Prognosis Chart HIGH CT VALUE **VERY HIGH CT VALUE** 

#### BELOW INFORMATION IS ONLY INFORMATIVE NOT FOR CLINICAL INTERPRETATION

NOTE: The RT-PCR test presently being conducted is qualitative in nature. Ct values may give a rough estimate of viral load. There are no reliable studies to definitively prove a direct correlation between aisease severity / infectiousness and Ct values. Viral load does not have much role in patient management

CT values are inversely proportional to the amount of target nucleic acid in the sample (i.e. the lower the CT value the greater the amount of target nucleic acid in the sample). The CT value represents the first cycle during testing in which a detection occurs.

#### CT VALUE

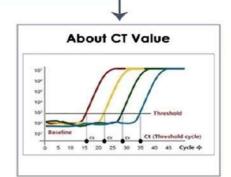
25 - 30 < 25 High levels of Moderate levels SARS Cov2 of SARS Cov2 genomic genomic load load

Patients with higher SARS Cov2 genomic loads are more likely to develop severe outcomes and require intubation. Patient needs to be monitored

### >30

# Low levels of SARS Cov2 genomic load

Low SARS Cov2 genomic load can be found early in infection when viral replication has just begun. Additionally, it can indicate the later phases of an infection after the virus has been cleared and has left behind remnants of its genomic content. Interpretation requires clinical context.



#### NABL CERTIFICATE NO MC-2872 ICMR NO MPIH001

Dr.ASHITA SINGH

MD MICROBIOLOGY



Scan OR Code to check the authencity of the report



Dr. Beadhur DR.S.MADHURI MD

MICROBIOLOGIST