

SID No : **0081**
Name : **MR AJEET**
Age & Sex : 41 Years / Male
Ref.by : **DR. AMARDEEP SINGH BANSAL**
Passport No :

Patient ID : **0000316**
Registered on : 16/05/21 04:07PM
Collected on : 16/05/21 04:07PM
Report on : 16/05/21 04:08PM

MOLECULAR TESTING

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>BIOLOGICAL REF RANGE</u>
<u>COVID-19 VIRAL RNA</u>			
COVID-19 RT PCR	: NEGATIVE		
EGene	: 2		
N Gene	: 2		
RdRP Gene	: 2		

PRINCIPAL

Machine used :- Thermo fisher Quant Studio 5

This test is based on real time Polymerase chain Reaction , using the highly sensitive and specific TAQMAN assay. Amplification of target gene is indicated by threshold cycle (CT) in amplification curve.

Target Selection:

The target sequence for this kit has been taken from the Envelope Protein(E gene), Nucleoprotein(N gene) and RNA dependant RNA Polymerase (RdRp) of Sarbeco virus and human RPPH1 gene. Detection of the human RPPH1 gene serves as a full process internal positive control (IPC) validating proper swab collection, nucleic acid extraction and PCR run.

INTERPRETATION GUIDANCE

1. The result relate only to sample tested. This should be correlated with clinical findings.
2. A single negative test result , particularly if this is from upper respirator tract, does not exclude infection.
3. Repeat sampling and testing of lower respiratory specimen is recommended in case of progressive disease.
4. Repeat sample can be collected after a gap of 24-48 Hrs after the collection of first sample.
5. Low viral load or non-specific viral infection may lead to indeterminate results for which repeat sample is required along with clinical correlation.
6. Quality control run fail indicates inadequate clinical material or nucleic acid degradation due to transport/ storage conditions.
7. In reference to ICMR letter No. VIR/4/2021/ECD-1, dated 05/04/2021, accepted cut off for CT value for Covid-19 is 35. All samples

with CT value .35 may be considered positive, where as CT value . 35 may be considered Negative. This should be

in conjunction to clinical presentation of the patient.

QR CODE



Verified By


Dr. N Archana M.D.,
 Consultant Microbiologist

*** Thank you for availing Immunogene service ***

ACCREDITED BY



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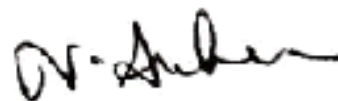
ICMR Registration ID: LSIMHCPLCTN

--- End Of Report ---

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