

LABORATORY TEST REPORT

Regn Date	: 17/03/2022	Sample Collection :	18/03/2022 15:25
Name	: MR. ANKUSH DATTA	Sample Accession :	18/03/2022 19:14
Regn No	: 522194263	Print Date	: 19/03/2022 10:45
Ref By	: SELF	Regn Centre	: MEDINOVA-KOL
Sample Type	: Swab	Ref No.	: 1931502268689
		Age / Sex	: 21 Years / Male



<u>TEST NAME</u>	<u>COVID-19(RT-PCR)</u>
	<u>RESULT</u>
Result	: NEGATIVE
N gene	: NOT DETECTED
Orf1a gene	: NOT DETECTED

The results relate only to the specimens tested and should be correlated with clinical findings

Technology:

It works on principle of Real Time Reverse Transcription Polymerase Chain Reaction (real time RTPCR). It involves the specific amplification of target region. This analysis is done on Truelab real time PCR by using the sensitive and specific Taqman assay method. Amplified products are indicated by threshold cycle (Ct) in amplification curve.

Pathogen Information:

Viruses belonging to the family of beta corona virus (Sarbeco) is the causative agent for SARS (Severe Acute Respiratory Syndrome) and COVID-19. Truenat Beta CoV is first line screening test & detects both SARS and Covid-19 causative viruses. RT-PCR SARS CoV-2 confirms covid-19, if screening test is detected. Analytical Sensitivity: The test results were found to 100% concordant with the results of the Gold standard (Real Time PCR used at State level VRDL, BMCRI, Bengaluru). The clinical sensitivity, Clinical specificity and overall concordance were determined to be 100%. The POC test here with recommended for Screening & Confirmation of SARC COV 2 Cases as per ICMR Recommendation. The Performance of this test is been Validated and Evaluated by ICMR & has been recommended by ICMR for Screening & Confirmation of COVID-19.

Target Selection:

The target sequence used for RT-PCR COVID19 is N-gene and Orf1a gene. Human RNase P gene serves as a full process internal control (IPC) for proper swab collection, nucleic acid extraction and PCR in both tests.

Note: Assay result should not be interpreted only in the context of other laboratory findings and the total clinical status of patient.

ICMR- Registration Number COVID-19 : MEDDIASLKKWB
Incase of COVID - 19 Positive report, Please contact for any information to :
CORONA Integrated Help Line - 180031344222
Direct Telemedicine Help Line - 033-23576001
Ambulance Service in Kolkata for Covid-19 Patient - 033-40902929
Source - Department of Health & Family Welfare, Government of West Bengal



Certificate # MC-2831

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