

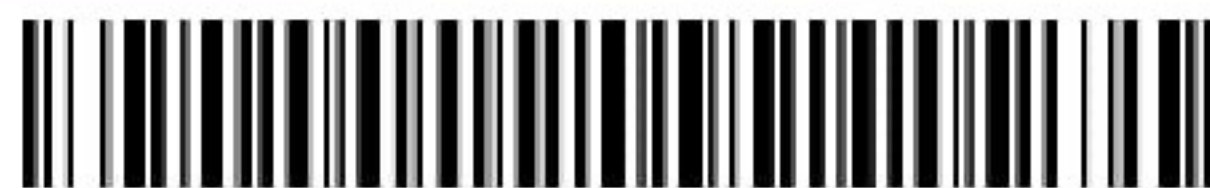


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to save life

WELKIN
MEDICARE PRIVATE LIMITED

REPORT

SRF ID :1931502337197



Aadhaar No : 4453 8852 2627

NAME	: Mr. SUNIP MITRA		
AGE/GENDER	: 39Y/Male	COLLECTION DATE	: 11/Jul/2022 03:04PM
TEST REQUEST ID	: 012110260320	RECEIVED DATE	: 11/Jul/2022 05:52PM
BARCODE	: 10400463	REPORT DATE	: 12/Jul/2022 10:31AM
REFERRED BY	: Self	NATIONALITY	: INDIAN

MOLECULAR BIOLOGY

SARS CoV-2 RT-PCR Qualitative

TestName	Result	Units	Bio. Ref.Interval
SARS-CoV2 (Covid-19) RT PCR QUALITATIVE	POSITIVE	NA	NA

Interpretation

Result	Remarks
POSITIVE	SARS CoV2 (Covid19) target nucleic acids (Both N gene and ORF1ab gene) are detected.
PRESUMPTIVE POSITIVE	Either N gene or ORF1ab gene detected, Repeat sample after 48 hours Suggested.
NEGATIVE	The SARS CoV2 (Covid-19) target nucleic acids (Both N gene and ORF1ab gene) are Not detected OR does not have a Ct within the valid cutoff range

Method: Real Time PCR

Sample type: Nasopharyngeal and Oropharyngeal Swab.

Quality of the sample on arrival: Good

Instrument used: BIORAD CFX96 Real time PCR system.

Kit used: CoviPath™ COVID-19 RT-PCR Kit.

Target selection: The target sequence for test is N and ORF1ab gene of SARS-CoV-2 and also RNaseP gene. Detection of the RNaseP serves as a full process internal positive control (IPC) for proper swab collection, nucleic acid extraction and PCR procedure.

Test Principle: The analysis is done on Real Time reverse transcriptase PCR assay. At first the RNA from the patient sample is extracted then RNA templates are reverse-transcribed to generate complementary cDNA strands followed by DNA polymerase-mediated cDNA amplification. During cDNA replication the fluorescent signal is generated from the presence of an oligonucleotide probe specific for target DNA sequence (if present in the sample). The fluorescent signal is measured in each cycle of reaction, and the threshold cycle value is determined from the obtained curve. The threshold cycle is proportional to the initial number of RNA copies in a sample and its value allows qualitative comparisons of analyzed and control samples.

Note: * The Limit of Detection (LoD) of the CoviPath™ COVID-19 RT-PCR Kit for Nasopharyngeal sample was establishes to be approximately 10 GCE/reaction
* The result obtained relate only to the sample given/received and tested. The report is for the perusal of doctor only, not for medico legal cases. A single test result is not always indicative of a disease, Clinical correlation is essential.


In the case of the COVID 19 POSITIVE report-

Please contact for any information: Integrated Help-line: 1800313444222, Telemedicine: 03323576001, ambulance service in Kolkata for Covid-19 patients: 033- 4090-2929 (Source: Department of Health & Family Welfare Government of West Bengal)

Identity of patient is not verified . If the result does not match clinically please contact respective department.
The Test results relate only to the sample tested.

*** End Of Report ***




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Send your valuable feedback through sms or whatsapp to 6289089812 to enhance our services.

Test done by :

Checked by :