CŌRE DIAGNOSTICS™

Your Test Result

ICMR Registration number: COREG001

SRF ID: 0707702197658

Result

Report

Case ID	102220032911
Patient Name	Akash Sidhu
Age/Sex	21 Year /Male
Hospital Location	New Delhi, Delhi, India
Hospital Name	DGD GNEC
Physician Name	Dr. Self
Date & Time of Accessioning	15/02/2022 13:48 Hrs
Date & Time of Reporting	14/02/2022 16:37 Hrs

TEST NAME

SARS-COV-2 Qualitative Detection Test

SPECIMEN INFORMATION

Nasopharyngeal swab & Oropharyngeal swab Collected on 14/02/2022.

CLINICAL HISTORY

Refer ICMR form

METHODOLOGY

Real Time Polymerase Chain Reaction (RT PCR)

RESULTS

Test Details	Result
E gene	Detected
ORF1ab(RdRP) gene	Detected
SARS-CoV-2 Detection	Positive

INTERPRETATION

Result	Interpretation
Both E gene and ORF1ab(RdRP) gene Detected	Sample provided is positive for SARS-CoV-2.
Both E gene and ORF1ab(RdRP) gene Not Detected	The Sample provided is negative for SARS-CoV-2.
Only E gene Detected	In-conclusive result and repeat sample is recommended.
Only ORF1ab(RdRP) gene Detected	In-conclusive result and repeat sample is recommended.
Non Diagnostic/Internal Control not detected	Inadequate sample (due to poor collection/failure of RNA extraction procedure) or RT-PCR inhibition. Repeat sample is recommended.

Certificate No. : MC-2256
Accredited by NABL

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COLLEGE of AMERICAN PATHOLOGISTS
AU-ID-2010258

Dr. Subhradeep Majumder, MD
Reg. No. 52661

Dr.Disha Bhatia, MD
Reg. No. DMC/R/8239

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COMMENT

1. This qualitative assay is able to detect B-betacoronavirus (B-βCoV) and (SARS-CoV-2) only, other subtypes cannot be differentiated by this assay. Potential mutations within the target regions of the SARS-CoV-2 genome covered by the primers and/or probes used in the kit may result in failure to detect the presence of the pathogens.
2. SARS-CoV-2 is the causative agent of the coronavirus disease 2019 (COVID-19) and the virus belongs to Order: Nidovirales, Family: Coronaviridae, Genus: Betacoronavirus and structure of the virus is enveloped, positive sense, single stranded RNA virus.
3. The SARS-CoV-2 detection is a real-time PCR technology based test, for the qualitative detection and differentiation of lineage B-betacoronavirus (B-βCoV) and severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) specific RNA.
4. The test is targeting ORF1ab(RdRP) gene (SARS-CoV-2 specific) and E gene (B betacoronavirus specific).
5. The limit of detection of this assay is 500 RNA copies/ml of reaction.

NOTE

1. Negative results do not rule out the possibility of COVID-19 virus infection. A number of factors could lead to a negative result in an infected individual, including:
   - Poor quality of the specimen, containing little patient material (as a control, consider determining whether there is ade-quate human DNA in the sample by including a human target in the PCR testing)
   - The specimen was collected late or very early in the infection
   - The specimen was not handled and shipped appropriately
   - Technical reasons inherent in the test, e.g. virus mutation or PCR inhibition.
2. Both External and Internal controls have been included in each and every run.
3. Test conducted as per guidelines recommended by WHO.
4. The test result should be used in conjunction with clinical presentation.
5. Kindly consult referring Physician / Authorized Govt. hospital for appropriate follow-up.

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If you have any questions about this report or would like to have a conversation about the genetic implications of these test results, please feel free to reach out to us at

+91 8882899999 (Toll Free) or info@corediagnostics.in

CONDITIONS OF REPORTING

1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient named or identified in the bill/test request form.

2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory.

3. The reported results are for information and are subject to confirmation and interpretation by the referring doctor.

4. Some tests are referred to other laboratories to provide a wider test menu to the customer.

5. Core Diagnostics Pvt. Ltd. shall in no event be liable for accidental damage, loss, or destruction of specimen,which is not attributable to any direct and mala fide act or omission of Core Diagnostics Pvt. Ltd. or its employees. Liability of Core Diagnostics Pvt. Ltd.for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.

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