

Patient

DOB

Age

Gender

Ref. By

Patient ID





Plot 15 Road 71 Gulshan Dhaka -1212 Bangladesh

T: +880 2 8836444 +880 2 8836000

Hotline: 10666 www.uhlbd.com

F: +880 2 8836446

Department of Pathology Laboratory

FLU CORNER

1000554597

17-Feb-1993

28 Year(s)

MALE

MOHAMMAD SAYED GOFRAN

Molecular Diagnostic Laboratory

Specimen InformationCollected(rabbi18230)09-Nov-2021 12:06 PMNasopharyngeal swab and Throat swabReceived(zobayer18172)09-Nov-2021 12:37 PMReport Generated09-Nov-2021 7:10 PM

Test Result

Non-panel Item

Real Time PCR for COVID-19 Virus Negative

Test platform:

Instrument: QuantStudio 5

Test Kit: Novel Coronavirus (2019-nCov) Nucleic Acid Diagnostic Kit, Sansure Biotech Inc. **Test Chemistry:** Qualitative Real-Time PCR based on TAQMAN Probing Chemistry

Target Selection: ORF 1ab and N genes

Detection limit: 200 copies /ml

Technical Note:

Test result "Negative" means COVID-19 virus is absent in the given sample. However, it dose not rule out the presence of COVID-19 in patient as the test may be affected by the stage of infection, quality of the collected sample, degree of viral multiplication & clearance and by the mutation in the target sequence of 2019-nCov.

Moreover, reported COVID-19 RT PCR assay detection rate is about 65-70%. It is, therefore, recommended to correlate the test result with clinical findings of the patient.

PCR inhibition is ruled out by the correct amplification of the internal control and positive control.

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