

Patient ID	1000541020	Patient Name	ARIF MAHMOOD KHAN
DOB	06-Aug-1994	Age	28 Y 0 M 24 D
Gender	Male	Ref. By	Dr. B.M. Adnan Faisal

Department of Pathology Laboratory
Molecular Diagnostic Laboratory Report

Specimen Information	Collected	29-Aug-2022	3:02 pm
Nasopharyngeal Swab And Throat Swab	Received	29-Aug-2022	4:58 pm
	Report Generated	29-Aug-2022	7:39 pm

Test Name	Result
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Non-panel Item

Real Time PCR for COVID-19 Virus Positive

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 does 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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