


Test Report

Patient Details			
Name	SELVAMANI PASUPATHY	Specimen Details	
Patient Id / Nationality	AMP-44254/INDIA	Date of Collection	25/04/2021 09:17 AM
Age/Gender	54 / Male	Date of Receiving	26/04/2021
Phone Number	79347572 / 190235	Specimen Type	SWAB IN VTM
Civil ID	109388196	Specimen ID	44263
Referral/Hospital	Al Maha Polyclinic	Date of Lab Report	26/04/2021
Notification ID/Case ID	9486993/489099		

Result for Real-Time PCR Testing Panel for SARS-CoV-2 (RT-PCR)

Test Name	Result	Genes Tested
Covid19	Detected	(ORF1ab gene,N-gene,S-gene)

Processing and detection methodology:

Test is performed by nucleic acid extraction (viral RNA) from nasopharyngeal and oropharyngeal swabs in Viral Transportation media by using Automated nucleic acid extraction machine, followed by reverse transcription and real-time PCR on a QuantStudio5.

Florescence probe sequences (TaqPath COVID-19 Combo Kit) are used to amplify three regions within the SARS-COV-2 Viral genome: ORF1ab, N-gene, and S-gene. MS2 Bacteriophage control added to each extraction sample as a quality check for extraction and amplification. Cycle threshold analysis (Ct) of the targets is used to determine the presence or absence of SARS-COV-2.



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