



Medical Laboratory Report

Mr **PINAK PILLALAMARRI**

Age : 25 Year(s) Male

APL Code : APL-AP-399CVD

Ref Doctor: ADHARCARD NO

902782395910

Customer :

Sample Type : Nasal and Throat swab

SID : **1209227**

Collected on : 2021-10-14 11:00

Regd on : 2021-10-14 11:00

Reported On : 2021-10-14 12:41



MOLECULAR BIOLOGY

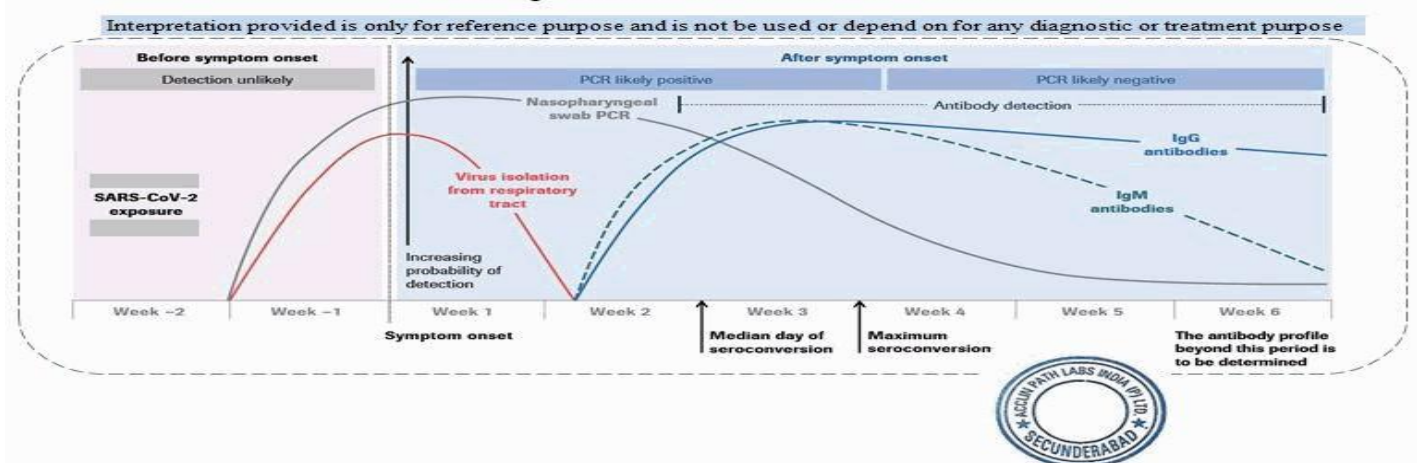
Test Description	Result	Units	Biological Reference Ranges
SARS-CoV-2(COVID-19),Qualitative (Method: Real Time-Polymerase Chain Reaction(RT-PCR))			
SARS-CoV-2(COVID-19)	NOT DETECTED		
Target ORF1 ab Gene	NOT DETECTED		
Ct Value	-		
Target N gene	NOT DETECTED		
Ct Value	-		

Note:1) < 35 Ct Detected, > 35 Ct Not Detected. Test sample whose Ct value is beyond 35 must be re-purified and repeat the test after 3-5 days with fresh sample for confirmation.

2) Test sample whose Ct value is nearly 35 must be re-purified and repeat the test after 3-5 days with fresh sample for confirmation. Kindly correlate clinically.

CoVid-19 Real Time PCR Detection Kit is designed for the diagnosis of SARS-CoV-2 in respiratory samples. The detection is done in one step real time Reverse Transcriptase format where the reverse transcription and the subsequent amplification of specific target sequence occur in the same reaction well. The isolated RNA target is transcribed generating complementary DNA by reverse transcriptase which is followed by the amplification of a conserved region of ORF1ab and N genes for SARS-CoV-2 using specific primers and a fluorescent-labeled probe. In a real time PCR assay a positive reaction is detected by accumulation of a fluorescent signal. Cycle Threshold value (Ct value). Ct levels are inversely proportional to the amount of target nucleic acid in the sample (ie the lower the Ct level the greater the amount of target nucleic acid in the sample)

ICMR registration Number for COVID-19 : ACPLAIPLSH1



Ch. Samuel

Ch. Samuel
Manager Technical



Dr. S. M. Devara

Dr. S. M. DEVARA
MD MICROBIOLOGIST