

ACCESSION DATE : 12/08/2021 08:02 PM  
 ACCESSION NO : 5047UH028092  
 PATIENT NAME : MS. CHARLENE GONSALVES  
 REFERRED BY : : SELF  
 CLIENTPATIENT ID :

REPORTING DATE : 13/08/2021 05:07 AM  
 PERM ID : CHARF0708965047  
 AGE / SEX : 25 Years / Female  
 CENTRE : CS00007324  
 MAHIM COLLECTION CENTRE

**MOLECULAR BIOLOGY**

TEST	RESULT	BIOLOGICAL REFERENCE RANGE	UNIT
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**SARS COV-2 REAL-TIME RT-PCR ASSAY**

SPECIMEN : NASOPHARYNGEAL SWAB & THROAT SWAB  
 SARS-COV-2 RNA : NOT DETECTED  
 METHOD : REAL-TIME RT-PCR  
 TARGET(S) : N GENE, ORF1AB GENE

**INTERPRETATION**

SARS COV-2 REAL-TIME RT-PCR ASSAY-

ICMR Registration No: SRLDAP001

Test Performing Location:- SRL Diagnostics- Dr. Avinash Phadke Labs, Mahalaxmi Engineering Estate, 2nd floor Mahim (W), Mumbai - 400016

SARS CoV-2 viral RNA is detected by Qualitative real-time RT-PCR assay using ICMR/FDA approved kits.

A Detected result is considered a positive test result for COVID-19. This indicates that RNA from SARS-CoV-2 is detected and the patient is considered infected with COVID-19.

A Not Detected result means that SARS-CoV 2 RNA was not present in the specimen above the limit of detection. However, this result may be influenced by the stage of the infection and the quality of the specimen collected for testing.

Limitations:

1) Undetected (i.e. negative) results do not preclude infection with SARS CoV-2 and should not be used as the sole basis for treatment or other patient management decisions.

2) A probable case may also test negative due to variable viral load in specimens, or due to the presence of amplification inhibitors.

3) Positive results indicate the presence of viral RNA during infection on the day of sample submission/collection and will not indicate if a person was infected in the past.

4) Positive result indicates presence of SARS CoV-2 viral RNA. It does not distinguish between viable or non-viable virus.

5) Detected (i.e. positive) results do not rule out a bacterial infection or co-infection with other viruses.

6) If the virus mutates in the rRT-PCR target regions, SARS-CoV-2 may not be detected or may be detected less predictably.

7) Viral load/shedding in the given sample may differ at the beginning or towards the end of infection in an individual, thus repeat testing done on subsequent days may show different results.



**Dr. Anna Thomas**  
 Consultant Microbiologist



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8) Various ICMR approved kits may have differences in its test sensitivity, specificity and cut off values for PCR cycles, thus may result in difference of results.

9) Current research studies are continually updating the knowledge of SARS-CoV-2 and to be considered while review of this report.

NOTE: The test performed for COVID-19 detection is a Qualitative real time Reverse transcriptase PCR. Qualitative PCR is meant for diagnosis purpose only and not currently recommended by ICMR for determining Viral load due to several technical reasons. If this CT values are meant to be used for further guiding the treatment, we suggest its done solely at your discretion. Kindly note changes in report format.

**\*\*End Of Report\*\***

*Anna*

**Dr. Anna Thomas**  
Consultant Microbiologist

