

Ms. Anamika Ashit Sen  
Kurla West, Mumbai  
1144, Kohinoor City,  
Off L.B.S. Marg,  
Mumbai - 400070

Age: 26.0 Year(s) Sex: Female  
Passport No: Z3874877

Reference:

Sample Collected At:  
1144, Kohinoor City,  
Off L.B.S. Marg,  
Mumbai - 400070

Processing Location: Metropolis  
Healthcare Ltd. Unit No. 409 - 416, 4th  
Floor, Mumbai - 70

VID: 26196291324223

Registered On:  
29/01/2022 8.30AM  
Collected On:  
29/01/2022 8.30AM  
Reported On:  
29/01/2022 8.00PM

SARS-CoV-2 (COVID 19) Detection (Qualitative) by Real Time rt PCR\*

Test : Qualitative RNA detection of SARS-CoV-2 (COVID19)  
Specimen Type : SWAB  
Test Principle : Real time reverse transcription PCR (ICMR approved kit)  
Test description : Screening by "E" gene detection and Confirmation by "RdRp, N or S" gene detection

Result :

SARS-COV-2 RNA	NOT DETECTED
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Metropolis lab ICMR registration no. METRO001

Interpretation guidelines

A. For result as "DETECTED":

- 1) Detected result indicates presence of SARS-CoV-2.
- 2) Each "Detected" result has been verified using confirmatory test.
- 3) False positive is rare globally.
- 4) A repeat test of freshly collected specimen may give different result due to the following –
  - a. Viral load reduces day by day and one may clear virus as early as 4.3 days.<sup>1</sup>
  - b. The new sample may have low viral load due to varied shedding of the virus.
  - c. Inherent variability due to improper sample collection and inadequate storage while due care is taken at Metropolis.
- 5) 80% of patients with "Detected" result may be asymptomatic.
- 6) A detected result does not distinguish between a viable/replicating organism and a non-viable organism

B. For result as "NOT DETECTED":

- 1) "Not Detected" result indicates absence of SARS-CoV-2 in the given specimen. However, it does not rule out the infection completely and should not be used as the sole basis for making decisions related to treatment and other patient management decisions.
- 2) "Not detected" result may be seen due to -
  - a. RT PCR done on Nasopharyngeal swab having 44% false negativity.
  - b. Test done too early or too late where the virus load is below detection limit.
  - c. Improperly collected and stored specimen.
  - d. Viral mutations
- 3) If a subsequent test is tested positive (detected), it may indicate an infection acquired subsequently or increase in viral load to detectable level after the first test.

*Smita*

Dr. Smita Deshkar  
MD MICROBIOLOGY