

## LABORATORY REPORT

**Name** : Ms. ANAMIKA MISHRA  
**Visit No** : V339343  
**Age/Gender** : 26 Y / F  
**Ref By** : Self  
**Ref By Doctor** :  
**Aadhar Card** : 5716 7900 8109



**Patient ID** : P339762  
**Registered On** : 02/09/2021 13:03  
**Collected On** : 02/09/2021 13:03  
**Reported On** : 02/09/2021 22:57  
**External Id** :

## MOLECULAR BIOLOGY REPORT

**Test Name** : COVID 19 SARS CoV 2 Detection by Qualitative Real Time PCR  
**Report Status** : Final

TEST	RESULT
SARS-COV-2 RNA (QUALITATIVE)	NOT DETECTED
CYCLE THRESHOLD (CT) VALUE FOR TARGET GENE	

**Sample Type:** Nasopharyngeal swab / Throat swab

**NOTE:** Target gene as per kit specification = ORF1ab & N gene. Cut off less than or equal to 35.

### Method

Real time Reverse Transcription polymerase chain reaction (Real Time RT PCR) is in vitro nucleic acid amplification of specific regions of the Beta Coronavirus and SARS COV-2 RNA. Amplified product is detected via fluorescent dyes.

### Interpretation

NOT DETECTED SARS- COV-2 RNA was not detected in the patient specimen or less than detection limit.  
 DETECTED SARS-COV-2 RNA was detected in the patient specimen.

### Indications

SARS-COV2 is the causative agent of coronavirus disease 2019 (COVID-19). It is a RNA virus from beta coronaviruses family. Common signs & symptoms of infection include fever, cough & shortness of breath. In severe cases, infection can cause pneumonia, severe acute respiratory illness & kidney failure.

### Limitations

1. Clinical correlation with patient history and other diagnostic information is necessary to determine patient infection status.
2. Result may be influenced by the stage of the infection and the quality of the specimen collected for testing.
3. Presence of PCR inhibitors may interfere with PCR amplification.
4. Negative result does not rule out the possibility of infection. If the mutation in virus occurred in the target regions, SARS-COV-2 may not be detected.

**ICMR Registration No.:** ADHCMH

### Disclaimer

The report represents only for the specimen received in laboratory.

\*\*\* End of Report \*\*\*



  
**Dr. Kinjal Patel**  
 M.D (Microbiology)

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