



DRA/CEO(R&R)CMO-S/2021/03

Name: Ms. RAKHI KUMARI Visit Date & Time 23/12/2021 22:20:00 Age / Sex: 25 Yrs/Female Sample Accepted at : 23/12/2021 22:20:39 Patient Id: 102110078 Test Authenticated at : 24/12/2021 01:50:08

Address: Kolkata Ref. Bv

## COVID-19 (SARS-CoV-2) RT-PCR

## **COVID-19 RT-PCR**

CCDMC/COV-PCR/ 9953

**NEGATIVE** 

Gene

ORF1ab NOT DETECTED NOT DETECTED

## **INTERPRETATION:**

POSITIVE: RNA specific to SARS-COV-2 Detected. NEGATIVE: RNA specific to SARS-COV-2 Undetected.

: Repeat Sample is recommended after 48 hours INCONCLUSIVE

## **NOTE:**

1.Covid- 19 RT-PCR is a Real-Time Reverse Transcription Polymerase Chain Reaction (Real-Time RT-PCR) Test for Qualitative Detection of RNA for SARS-CoV-2 in Upper and Lower Respiratory Specimens as Nasopharyngeal or Oropharyngeal swabs (NP/OP), Sputum, BAL, ET aspirate etc.

- **2.Positive Results** are indicative of presence of SARS-CoV-2 RNA; based on detection of various genes as RdRp, ORF 1a/b, N, S, and E gene etc. Clinical correlation with patient history and other diagnostic information is necessary to determine patient's infection status.
- 3. Negative Results do not rule out the possibility of COVID-19. Hence, should not be used as the sole basis for patient management decision. In such cases; a repeat sample should be sent after 48 to 72 hours.
- 4. Invalid Results may arise due to presence of PCR inhibitors, mutations and insufficient RNA specific to SARS-CoV-2.
- 5. Kindly consult Referring Clinician(s) for appropriate follow up. \*Covid-19 RT PCR Test is conducted using kits approved by; ICMR / CE-IVD / USFDA.
- 6. Correlation between ct value & degree of severity is not recommended.



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

Microbiologist MBBS.MD