

C000000122-GUPTA PATHOLOGY

Name	: MS. ANKITA GOEL	Age/Gender	: 3 Yrs/FEMALE
Reg No	: 0001AL002206	Barcode No	: 100033856
Sample Coll Dt	: 20/02/2022 11:12 AM	Reg Date	: 20/02/2022 11:15 AM
Sample Rcv Dt	: 20/02/2022 11:15 AM	Reported Date	: 21/02/2022 02:25 PM
Report Status	: Final	Referred By	: SELF
SRF ID	: 0914400446168	Aadhar/Passport No	: NA

Tests	Results	Biological Reference Range	Units
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MOLECULAR DIAGNOSTICS
SARS COVID-19 RT PCR

COVID-19 VIRUS QUALITATIVE RT-PCR	NEGATIVE	NEGATIVE
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Specimen:

NASO/Oropharyngeal Swab

Advice:- CBC, Covid IgG, VitaminD3, Iron Profile, IgE Serum, Immunoglobulin Profile (IgG, IgM, IgA).

Interpretation :-

Result	Remarks
POSITIVE	Indicates RNA from SARS COV-2 was detected and the Patient is presumed to harbour Infection of COVID-19 and could be contagious.
NEGATIVE	Indicates RNA from SARS COV-2 was not found in the specimen or not present in detectable limits, to have been picked up.

The threshold cutoff cycle Ct is 36.

Note:-

- SARS COV-2 also known as 2019 nCoV is the causative agent of the corona virus disease 2019 (COVID -19).
- ICMR approved kit/s is/are being used for reporting.
- SARS COV-2 detection is being done by qualitative test method, based on Real Time PCR technology. It does not quantify viral load.
- This assay uses a positive and negative control; RNaseP to indicate specimen acceptable quality; E gene and RdRp /N gene to detect SARS COV-2 infection.
- Test performed on Bio-Rad CFX-96.
- ICMR Registration number for COVID-19 is **PATLPNUP**
- All positive cases are notified to ICMR for future surveillance.

Comment :-

- Negative results do not rule out possibility of COVID - 19 infection and should be in correlated with clinical observation, patient history and epidemiological information.
- RT-PCR can **only interpret the viral load if it is detectable**.
- Positive results will not rule out co-infection with other viruses.
- Optimum sample type and the stage of infection in which sample was procured, plays an important role in reporting of COVID 19 infection
- Ct values are inversely proportional to the significant viral load (**higher the Ct value lower will be the viral load**).
- Asymptomatic / Presymptomatic cases may show high Ct value with or without showcasing symptoms
- Ct values are not absolute indication of viral load and are affected by variation of specimen collected.
- In advent of delayed onset of symptoms or persisting ILI symptoms, kindly **repeat test after an interval**.

****End Of Report****


APPROVED LAB



MC-4017



Dr. Chitra Chauhan
MD, Pathology (Gold Medalist)
Chief of Laboratory
