

**C000000122-GUPTA PATHOLOGY**

|                       |                       |                           |                       |
|-----------------------|-----------------------|---------------------------|-----------------------|
| <b>Name</b>           | : MRS.SHELLY GOYAL    | <b>Age/Gender</b>         | : 32 Yrs/FEMALE       |
| <b>Reg No</b>         | : 0001AL062211        | <b>Barcode No</b>         | : 100053858           |
| <b>Sample Coll Dt</b> | : 21/03/2022 10:10 AM | <b>Reg Date</b>           | : 21/03/2022 10:15 AM |
| <b>Sample Rcv Dt</b>  | : 21/03/2022 10:15 AM | <b>Reported Date</b>      | : 22/03/2022 02:18 PM |
| <b>Report Status</b>  | : Final               | <b>Referred By</b>        | : SELF                |
| <b>SRF ID</b>         | : 0914400446168       | <b>Aadhar/Passport No</b> | : NA                  |

| Tests | Results | Biological Reference Range | Units |
|-------|---------|----------------------------|-------|
|-------|---------|----------------------------|-------|

**MOLECULAR DIAGNOSTICS**
**SARS COVID-19 RT PCR**

|                                   |          |          |
|-----------------------------------|----------|----------|
| COVID-19 VIRUS QUALITATIVE RT-PCR | NEGATIVE | NEGATIVE |
|-----------------------------------|----------|----------|

**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**
