

MAHATMA GANDHI MEDICAL COLLEGE & HOSPITAL

Plot No. 19-20, RIICO Institutional Area, Sitapura, Tonk Road.
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DEPARTMENT OF MOLECULAR BIOLOGY

Patient Name : Mr. GOPAL BIHANI
Bill Date : 18-Nov-2020 12:53 AM
Collection Date : 18-Nov-2020 9:27 AM
Report Date : 18-Nov-2020 03:01 PM
Ref By : DR. PUNEET RIJWANI (C)

Age/Gender : 47 Y(s) / Male
Admn/UMR No : IP20-33194 / 202011150207
Bill No/Result No : S2000365452 / RES1602519
Ward/Room/Bed : COVID ROOM 3RD FLOOR/RVDROOM3/13
Org.Name : PARAMOUNT TPA PVT. LTD.
Specimen : NP SWAB/OP SWAB

TEST NAME : **COVID-19 (SARS-CoV-2) RT-PCR**
TEST RESULT : **COVID-19 RT-PCR** POSITIVE

TEST METHOD

Real Time Qualitative Polymerase Chain Reaction

Ct-value(s)

E gene: 24.85
RdRp/ORF-1ab gene: 27.39
N-gene:

0 → 3r
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*** End Of Report ***

INTERPRETATION:

POSITIVE : RNA specific to SARS-CoV-2 Detected. (Ct-values < 40)

NEGATIVE : RNA specific to SARS-CoV-2 Undetected.

INVALID : Repeat Sample is recommended

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.

6. Correlation between CT-Values and Degree of Severity is not recommended.

* Covid-19 RT-PCR Test is conducted using kits approved by; ICMR / CE-IVD / USFDA.

Verified By : DM0438

Approved By : DM0438

Dispatched By : MGU01337

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Print By : MGU01337

Print Date : 19-Nov-2020 09:35:44 AM System Name : MGUDT0614