

Dr. Gajendra Yadav's Pathology Laboratory

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DR. GAJENDRA YADAV
M.B.B.S., M.D. (PATHOLOGY)



SRF ID: 0607200547179 Aadhaar Card No: 589982806891

Visit ID : MGPL13632	Registration : 07/Sep/2022 02:43PM
UHID/MR No : AGPL.0000012335	Collected : 07/Sep/2022 02:48PM
Patient Name : Mr. SIDDHARTH YADAV	Received : 07/Sep/2022 02:48PM
Age/Gender : 27 Y O M O D /M	Reported : 07/Sep/2022 04:44PM
Ref Doctor : Dr.SELF	Lab No : 10093821
MobileNo : 9416063078	

DEPARTMENT OF MOLECULAR MICROBIOLOGY

Test Name	Result	Unit	Bio. Ref. Range	Method
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COVID-19 RTPCR

Sample Type : NASOPHARYNGEAL / OROPHARYNGEAL SWAB

CT value of Egene / Orf1A	NOT DETECTED			TRUENAT REAL TIME PCR
Result	Negative			TRUENAT REAL TIME PCR

INTERPRETATION:

RESULT	RTPCR COVID-19:- NEGATIVE/POSITIVE
Positive	RNA specific to SARS- CoV2 detected
Negative	RNA Specific to SARS- CoV 2 not detected
LOW DETECTED	RNA Specific to SARS-CoV2 detected in low quantity. RNA are present in low quantity due to remission of disease or due to initial phase of disease. ADVISE REPEAT TEST AFTER 4 -5 DAYS.

- ICMR Registration number for COVID-19 test is **DGYPLRH** and NABL certificate number is **MC- 2226**.
- Negative test result, particularly if this is from upper respiratory tract specimen doesnot exclude infection. Presence of inhibitors, mutation and insufficient organism RNA can influence the result.
- COVID- 19 test is conducted as per kit approved by ICMR/IVD.
- No reliable study is there to prove a direct correlation between disease severity/ infectiousness and Ct values, viral load do not have much role in Patient's management so Ct Values differ from kit to kit.
- **Target Selection:** The target sequence used for Truenat COVID-19 is the *E* and *Orf1a* genes. Human *RNase P* gene serves as a full process internal control (IPC) for proper swab collection, nucleic acid extraction and PCR.

Method: TRUENAT Real Time PCR.

Note: Assay result should not be interpreted only in the context of other laboratory findings and the total clinical status of patient.

*** End Of Report ***

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Bhuvan
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