



<b>Name of Patient</b>	: MR. ANIL SOOD	<b>Panel Company</b>	: PUNJABI BAGH LAB
<b>Age/Gender</b>	: 57 years / Male	<b>Lab Request ID</b>	: DLL021223
<b>Refd by Dr.</b>	: DR. VIJAY	<b>Sample Collection Date</b>	: Apr 27, 2021, 11:56 a.m.
<b>Mobile No.</b>	: 9810440254	<b>Sample Acknowledgment Date</b>	: Apr 27, 2021, 11:56 a.m.
<b>Sample Type</b>	: OROPHARYNGEAL & NASOPHARYNGEAL SWAB	<b>Test Reported On</b>	: Apr 29, 2021, 09:15 a.m.
		<b>Email Id</b>	: anilsood2004@gmail.com

**Covid-19 Virus RT-PCR (open system) Qualitative - Centre Visit**

**Covid-19 RT-PCR (open system) SARS-COV-2\*** **POSITIVE**

Method : RT-PCR (open system)

Viral Load **HIGH**

CT Value **14.36**

**INTERPRETATION**

Negative	RNA specific to SARS-CoV-2 Not Detected
Positive	RNA specific to SARS-CoV-2 Detected
Inconclusive	This could be due to low viral load in the sample. A repeat sample is recommended for confirmation.

**Disclaimer:** Low Viral Load may indicate early incubation or late incubation phase. Two different samples taken at two different times and different conditions shall not be liable for the same results.

**Note**

- ICMR Registration number for Covid -19 is DLCLPBD.
- Negative result does not rule out the possibility of Covid-19 infection. Presence of inhibitors, mutations & insufficient RNA specific to SARSCoV-2 can influence the test result.
- Kindly correlate the results with clinical findings. A negative result in a single upper respiratory tract sample does not rule out SARS-CoV-2 infection. Hence in such cases a repeat sample should be sent. Lower respiratory tract samples like Sputum, BAL, ET aspirate are appropriate samples especially in severe and progressive lung disease
- Covid-19 Test conducted using automated extractor and biorad CFX96 and truerp rt per kits approved by ICMR
- Kindly consult referring Physician / Authorized hospitals for appropriate follow up

**Conditions of Reporting**

Laboratory results should be used with other clinical information to determine a final diagnosis. For any unexpected test results please contact the laboratory. Laboratory does not verify the identity or the details of the customer and cannot be held responsible for any misrepresentation or misuse. The results cannot be used for medico-legal purpose. There may be incidences beyond our control which could result in delay of testing. All tests have been carried out with reasonable care, clinical safety & technical integrity, however there could be some factors beyond control which can affect the accuracy of results.

**\*\*END OF REPORT\*\***

**If tests results are alarming/unexpected, client is advised to contact the Lab immediately for possible remedial actions**

\* - Tests marked with asterisk are NOT under the NABL scope of the lab





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**TESTING LAB**

 GISPL.ML3 (911767)  
 Rajouri, New Delhi

Patient ID: SH2434768	Sample ID: 0708501552862
Name: ANIL SOOD	Sample Collected: 21/05/2021 (Pre-Collected Sample)
Address: B14 HIL COLONY MOTI NAGAR PIN:110015,WEST,	Sample Received: 21/05/2021 17:50
Age: 58 YEARS, Gender: MALE	Report Generated: 22/05/2021 08:42
Mobile Number: 9810440254	Report Status: FINAL
ICMR ID: 307622494	

**TEST REPORT**

Test Method	SARS CoV-2 Qualitative RT PCR
Specimen Type	Nasopharyngeal and Oropharyngeal
Gene 1: ORF1ab	N/A
Gene 2: N	N/A
Result	<b>Negative</b>

**INTERPRETATION**

RESULT	REMARKS
Positive	RNA Specific To SARS-COV-2 Detected
Negative	RNA Specific To SARS-COV-2 Not Detected
Inconclusive	A Repeat Sample Is Suggested In Case Of Clinical Suspicion
Non Diagnostic	Internal control not detected, samples need to be repeated

**ABOUT SARS COV 2**

SARSCoV2, formerly known as 2019nCoV, is the causative agent of the coronavirus disease 2019 (COVID19). Main symptoms of the disease include fever, cough and shortness of breath. The virus is spread via person-to-person contact through respiratory droplets produced when a person coughs or sneezes. The SARSCoV2 RNA is generally detectable in nasopharyngeal/oropharyngeal swabs during the acute phase of infection. Positive results are indicative of active infection. Real Time PCR assay targets specific genes and can be used for diagnosis of SARSCoV2 virus infection which contributes to severe upper respiratory distress, complications

**LIMITATIONS**

1. Negative results do not preclude COVID19 and should not be used as the sole basis for patient management decisions. Negative results must be combined with clinical observations, patient history, and epidemiological information.
2. Positive results but do not rule out bacterial infection or coinfection with other viruses.
3. Optimum specimen types and timing for peak viral levels during infections caused by 2019nCoV have not been determined. Collection of multiple specimens (types and time points) from the same patient may be necessary to detect the virus.
4. If the virus mutates in the rRT-PCR target region, 2019nCoV may not be detected or may be detected less predictably. Inhibitors or other types of interference may produce a false negative result.
5. The performance of this test has not been established for monitoring treatment of 2019nCoV infection.



 Dr. Raghav  
 Consultant Microbiologist

**REFERENCES**

1. Laboratory testing for coronavirus disease 2019 (COVID19) in suspected human cases. Interim guidance. World Health Organization.
2. Druce et al. JCM. 2011
3. N. Engl. J. Med. 2020, 382, 929-936

**\*DISCLAIMERS**

1. This is only a professional opinion. Not for Medico legal purpose.
2. Please correlate clinically.