



# MATA CHANAN DEVI HOSPITAL

(210 BEDDED, MULTI-SPECIALITY/SUPER SPECIALITY HOSPITAL)

C-1, JANAK PURI, NEW DELHI - 110058

(NABH & NABL ACCREDITED HOSPITAL)

Ph.: 45582000, 25554702, 25554487, 25610008, 25610009 Fax : 25544001



Patient Type : OPD

Name : Mr. S N SINGH

Age/Gender : 57 Years / Male

Patient's Phone : 9871193716

Payer Name : HIL(INDIA) LIMITED-FORMERLY HINDUSTAN

Ward :

Specimen :



Req. No. : 1749121

UHID No. / IP No. : 457195

Referred By : MED-2

Bed No. :

Requisition Date & Time : 08/01/2022 9.58 AM

Sample Coll Date & Time : 08/01/2022 10.55 AM

Reporting Date & Time : 08/01/2022 3.57 PM

## LAB SERVICES - MICROBIOLOGY

### TRUENAT (COVID-19) TEST REPORT

Test	Result	Biological Reference	Units
Specimen.....	Nasopharyngeal and Oropharyngeal swab		
ICMR ID	630444865		
SRF ID	0708503133525		
E GENE (B COV )	DETECTED		
CT VALUE	29.33		
Orf1a gene	DETECTED		
CT VALUE-	29.0		
Final Result -SARS- COV2	POSITIVE		

Interpretation :- Orf1a E gene Result Final Report  
Positive Positive SARS CoV-2 positive Positive  
Positive Negative SARS CoV-2 Positive Positive  
Negative Positive SARS CoV-2 presumptive positive Repeat after 48-72 hours  
Negative Negative SARS CoV-2 negative Negative

1 ICMR Registration number for Covid 19 is MCHDEHJD

Technology:

Truenat tests works on principle of Real Time Reverse Transcription Polymerase Chain Reaction (real time RTPCR). It involves the specific amplification of target region. This analysis is done on Truelab real time PCR by using the sensitive and specific Taqman assay method. Amplified products are indicated by threshold cycle (Ct) in amplification curve.

Pathogen Information:

Viruses belonging to the family of beta corona virus (Sarbeco) is the causative agent for SARS (Severe Acute Respiratory Syndrome) and COVID-19. Truenat COVID-19 is a first line RT PCR test & detects both SARS and Covid-19 causative viruses. Truenat COVID-19 confirms SARS CoV-2 infection.

**THIS IS PROFESSIONAL OPINION, NOT VALID FOR MEDICO LEGAL PURPOSE. IN CASE OF ALARMING RESULTS, PLEASE CONTACT LABORATORY/CONSULTANT.**

Print Date & Time : 08/01/2022 6.07 PM Print User : null

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Analytical Sensitivity: The test results were found to 100% concordant with the results of the Gold standard (Real Time PCR used at State level VRDL, BMCRI, Bengaluru). The clinical sensitivity, Clinical specificity and overall concordance were determined to be 100%. The POC test herewith is recommended for Confirmation of SARC COV 2 Cases. The Performance of this test is been Validated and Evaluated by ICMR.

#### Target Selection:

The target sequence used for Truenat COVID-19 is the E and Orf1a genes. Human RNaseP gene serves as a full process internal control (IPC) for proper swab collection, nucleic acid extraction and PCR.

Method :- Real Time PCR (Truenat)

\*\*\*\*\* End of Report \*\*\*\*\*

Dr. SIDDHARTH SAGAR (DMC 24266)

Consultant Microbiologist

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