

Patient : Mr. VIKAS MUNOTH

SID .No : **02001232** Age / Sex: 44 Y / Male Referrer : DR.AKILA SANGEETHA BHAT.,M S O G

Patient ID : 0200186174

Page #:1/2

Reg Date/Time: 06/07/2021 13:32 Sample Collected Date/Time: 06/07/2021 13:32

Rpt Date/Time: 06/07/2021 18:56

Partial Test Report

DEPARTMENT OF MOLECULAR BIOLOGY AND CYTOGENETICS

NOVEL CORONA VIRUS RT PCR (COVID 19)

RESULT : NEGATIVE

(Specimen: NASAL / THROAT SWAB)

Interpretation

SARS-Cov-2 (COVID 19) Detection by Real Time PCR

Test Principle: Real time RT-PCR*

Specimen: Nasopharyngeal/Oropharyngeal Swab

Premier Health Center ICMR registration no.PHCCT

*UNDER THE SCOPE OF NABL (MC-3381)

Interpretation:

interpretation:	
Positive	Indicates the presence of <u>SARS-CoV-2</u> (COVID 19) in the given specimen
Negative	Indicates the absence of <u>SARS-CoV-2</u> (COVID 19) in the given specimen

A "Positive" result is indicative of infection with SARS-CoV-2 (COVID 19) but does not rule out bacterial infection or co-infection with other viruses. The agent detected may not be the definite cause of disease.

A "Negative" result does not rule out infection. A careful consideration to combination of epidemiological factors, clinical history, examination, other relevant investigation findings and treatment history should be done.

Test Limitations:

- The Test includes E -gene and RdRp -gene of SARS COVID 2.from Nasopharyngeal /Oropharyngeal swab.
- A Positive result does not distinguish between a viable/ replicating organism and a non-viable organism.
- False Negative results may be seen in samples collected too early or too late in the clinical course of the illness. Kindly refer to the latest ICMR guidelines.
- Presence of PCR inhibitors in the sample may prevent Nucleic acid amplification. Paradoxical results may arise due to selection of inappropriate specimens and contamination during specimen collection.
- · Sensitivity of this test depends upon the quality of the sample submitted for testing and stage of the infection.



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Note: This test performance is validated at Premier Health Center

Comments:

Kindly consult referring Physician/ Authorized Govt. hospital for appropriate follow up.

Details of all the positive patients will be communicated to Epidemiology Cell – Greater Chennai corporation. Please ensure to notify the local / state/federal authorities as per the existing rules/regulations.

Clinical Background:

COVID-19 is a new disease, caused by a novel (or new) coronavirus SARS-CoV-2. Reported illnesses have ranged from mild symptoms to severe illness and death for confirmed COVID-19 cases. Symptoms like Fever, Diarrhea, Loss of Smell, Muscle pain, Loss of taste, Fatigue, Cough, and Shortness of breath may appear 2-14 days after exposure.

Discussed With

Dr.P.Bala Priya.,M.D BS.,M.D.,

Microbiologist

Beanda.

Dr.R.Secunda MBBS.,M.D., Consultant Microbiologist

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