

Patient Name : TONY JOHN - Aadhar No - 6398 2810
7984

Age / Gender : 29 years / Male

Bill ID : 177434

Patient ID/SRF ID : 3400/EKM/20210957442

Source : H R D Labs

Referral : Kinder CIAL

Collection Time : Sep 29, 2021, 05:45 p.m.

Reporting Time : Sep 30, 2021, 04:55 a.m.

Sample ID :



KC2009210167

COVID-19 Detection by RT-PCR.

Aim:

To screen the patient samples for the detection of SARS-CoV-2.

Sample type :

Oropharyngeal And Nasopharyngeal Swab

ICMR Registration No: RIVLAPLKK

Results:

Target	Results
N gene	Not Detected
ORF_1ab	Not Detected
SARS-CoV-2 RNA	Not Detected
Final Report	Negative

Test methodology:

The test is intended to detect the presence of SARS-CoV-2 in the patient sample. This test utilises a qualitative multiplexed Taqman based real-time PCR for amplification of specific regions of the genome of the pathogen viz. ORF_1ab and N gene while RNase P gene serves as an internal positive control. These genes were amplified & detected as per manufacturer's instructions.

Technical note:

Although all precautions are taken, the technical error rate of all types of DNA analysis is approximately 2%. It is important that all clinicians or persons requesting DNA diagnostic tests are aware of this before acting upon these results.

Clinical significance:

Coronavirus disease-2019 (COVID-19) is an infectious disease caused by a novel coronavirus, Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). Most people infected with the COVID-19 virus experience mild to moderate respiratory illness and recover without requiring special treatment. Individuals with advanced age and those with underlying medical problems like cardiovascular disease, diabetes, chronic respiratory disease, and cancer are at high risk to develop serious illness.

Disclaimers:

1. It is assumed that the sample received in the laboratory, belongs to the same patient as mentioned in the TRF.
2. This kit is IVD approved, and its performance characteristics have been assessed as per CAP and NABL

Scan to Validate



Lab Address:
Lourdes hospital, Lourdes hospital Road, Near Ernakulam Town Railway station, Pachalam PO, Kochi
682012, Kerala, India
Registered Office:
17th Floor, Hoechst House, Nariman Point, Mumbai - 400021, Maharashtra, India
Care-Line: +91 93010 00083
Email: careline@rivaaralabs.com | Web: www.rivaaralabs.com



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guidelines.

3. Interpretation of the results have been performed to the best knowledge of the laboratory based on the information available at the time of reporting.

4. A negative result does not rule out the possibility of an infection 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.

5. The report shall be generated within stipulated turnaround time (TAT). However, in the view of complexity of the test the TAT may vary. The lab under no circumstances will be liable for any delay beyond the mentioned TAT.

6. We would like to state that the report(s) generated from the tests do not provide any diagnosis or opinion, neither do they recommend any cure in any manner. The laboratory hereby recommends that the patients should take assistance of the prescribing clinician or the certified physician/doctor to interpret the report(s) generated.

7. The test results should be carefully correlated considering the present clinical condition of the patient and other relevant findings if any related to the patient.

8. This report cannot be used for any medico-legal purpose.

9. A detected result does not distinguish between a viable/ replicating organism and a non-viable organism.

10. Conflicting results may arise due to inappropriate specimen and contamination during specimen collection.

11. Sensitivity of the test would be influenced by the quality of the sample submitted and the stage of the infection.

References:

1. Centers for Disease Control and Prevention. 2019 Novel coronavirus, Wuhan, China. Information for Healthcare Professionals.

<https://www.cdc.gov/coronavirus/2019-nCoV/hcp/index.html>.

2. World Health Organization. Novel Coronavirus (2019-nCoV) technical guidance. <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance>.

3. ICMR circular for CT (cycle threshold) value for RT-PCR test for COVID-19; D.O.No. V IN 412021 IECD-I; Dated: 5th April 2021



Dr. Lancy, MD
Consultant Microbiologist

****END OF REPORT****

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