

**Patient Name :** Devansh Shah  
**Age / Gender :** 19 years / Male  
**Bill ID :** 15544  
**Patient ID :** 14365  
**Source :** Aspira Pathlab & Diagnostics Limited

**Referral :** SELF  
**Collection Time :** Mar 15, 2021, 05:15 p.m.  
**Receiving Time :** Mar 15, 2021, 11:15 p.m.  
**Reporting Time :** Mar 16, 2021, 07:34 a.m.  
**Sample ID :**



MB1503210285

### **COVID-19 Detection By RT-PCR.**

#### **Aim:**

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

#### **Sample Type:**

Nasopharyngeal swab

ICMR Registration No: SIPRLELAMMH

#### **Results:**

Target	Results
SARS-CoV-2	Detected

Mean CT value for target genes: 24.72 (CT cut-off - 37)

#### **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. ORF1 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 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.

#### **Scan to Validate**



Registered Office:  
17<sup>th</sup> Floor, Hoechst House, Nariman Point, Mumbai - 400021, India.  
Tel: +91 22 6656 0900 | Care-Line: +91 93010 00083  
Email: info@rivaaralabs.com | Web: www.rivaaralabs.com  
GST No: 27AAJCR8676F1ZS  
CIN No: U85300MH2019PTC331867



MC-3864



**Patient Name :** Devansh Shah

**Age / Gender :** 19 years / Male

**Bill ID :** 15544

**Patient ID :** 14365

**Source :** Aspira Pathlab & Diagnostics Limited

**Referral :** SELF

**Collection Time :** Mar 15, 2021, 05:15 p.m.

**Receiving Time :** Mar 15, 2021, 11:15 p.m.

**Reporting Time :** Mar 16, 2021, 07:34 a.m.

**Sample ID :**



MB1503210285

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>.



**Dr. Madhavi Pusalkar, Ph.D.**

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



**Scan to Validate**



Registered Office:  
17<sup>th</sup> Floor, Hoechst House, Nariman Point, Mumbai - 400021, India.  
Tel: +91 22 6656 0900 | Care-Line: +91 93010 00083  
Email: [info@rivaaralabs.com](mailto:info@rivaaralabs.com) | Web: [www.rivaaralabs.com](http://www.rivaaralabs.com)  
GST No: 27AAJCR8676F1ZS  
CIN No: U85300MH2019PTC331867

