

## TEST RESULT REPORT

|                  |                     |                 |                    |
|------------------|---------------------|-----------------|--------------------|
| Patient Name     | : Mr. VENU S DHARAN | Accession No    | : 010404215        |
| Age/Gender       | : 31 Y / Male       | Aadhar Card     | : 356782813336     |
| Sample Collected | : At Lab            | Patient UID     | : MHRL449867       |
| Ref By Clinic    | :                   | Collection Date | : 29-10-2021 16:56 |
| Ref By Doctor    | :                   | Exit Date       | : 30-10-2021 03:58 |
|                  |                     | Ext.Ref.Num     | :                  |

## MOLECULAR BIOLOGY

## SARS-CoV-2 (COVID 19) Detection by Real Time PCR (RTPCR) - Qualitative

| TEST              | RESULT                              |
|-------------------|-------------------------------------|
| <b>SARS-COV-2</b> | <b>NEGATIVE</b>                     |
| <b>Specimen</b>   | Nasopharyngeal / Oropharyngeal swab |

ICMR (Indian Council of Medical Research) Registration No. : MICHEALLTHKK

SRF ID: 719/KZD/2021064523

## INTERPRETATION GUIDELINES

|                     |   |
|---------------------|---|
| <b>POSITIVE</b>     | 1) POSITIVE result indicates presence of SARS-CoV-2   |
| <b>NEGATIVE</b>     | 1) "NEGATIVE" result indicates absence of SARS-CoV-2 in the given specimen. However, it does not rule out the infection completely and should not be used as the sole basis for making decisions related to treatment and other patient management decisions.<br>2) "NEGATIVE" result may be seen due to –<br>a. RT PCR done on Nasopharyngeal swab having 44% false negativity.<br>b. Test done too early or too late where the virus load is below detection limit.<br>c. Improperly collected and stored specimen.<br>d. Viral mutations |
| <b>INCONCLUSIVE</b> | This could be due to low viral load in the sample. A repeat sample is recommended for confirmation after 48 to 72 hours   |

## Patient Instructions:

- Kindly consult referring Physician/ Authorized Govt. hospital for appropriate follow up.
- Details of all the positive patients will be communicated to Epidemiology Cell whom you are requested to support.
- "Positive/Inconclusive" status needs to be notified to the appropriate authorities as per the existing rules/regulations.
- All "Positive/Inconclusive" reports will be released after reporting to regional health authorities.

## Disclaimers:

1. RNA viruses like SARS-CoV-2 (COVID 19) have a lot of genetic variability and it's possible that certain virus detection kits test cannot detect some strains of the viruses. Although efforts were made by manufacturers of the diagnostic kits to design the test assays that target the parts of viral genome which are shared by all the different circulating viral strains, there still might be some mismatch between the primers and the probes used in the test and the target regions within the viruses.
2. Sensitivity of this test results depends upon the quality of the sample submitted for testing, stage of infection, type of the specimen collected for testing, medical history and clinical presentation.
3. All approved kits being used also may have different positive and negative predictive values leading to mismatch of results.

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Anilda Mary William  
M. Sc. Medical Microbiology  
Senior Technologist

Dr. Aravindan KP  
MD Pathology  
Medical Director

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## MOLECULAR BIOLOGY

4. A careful consideration to combination of epidemiological factors, stage of infection, clinical history, examination, other relevant investigation findings and treatment history should be done when interpreting test results.
5. Current knowledge about novel coronaviruses is evolving and more studies may be required for further evaluation and review of facts indicated in this report.

Test Processed in Location 2 :

**Micro Health Laboratories**, ZEN Building, R.S No 21, Building No 29/2554-A,A1,A2, Kavu Stop Thondayad, Kozhikode - 673017

----- End of Report -----

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