MOLECULAR LABORATORY - CHEST HOSPITAL
REPORT FORM FOR COVID-19

Chest Hospital Bldg. Opp. EMS Stadium
Kozhikode - 673 004, Kerala, India,
Ph: +91- 495 2724385, 9074886554, 9037517316
Email: molelabinchest@gmail.com

Name	: SARANYA S		
UHID	: 2022/002364	Sample ID	: CH220204003
Gender	: Female	Collected	: 02/03/2022 12:45 pm
Age	: 25	Received	: 02/03/2022 3:00 pm
Ref. Doctor	: DR GIRISH G	Reported	: 03/03/2022 6:33 pm
Reference ID	:		

DEPARTMENT OF MOLECULAR BIOLOGY

Test Name	Sample	Result	Method
SARS CoV-2 qualitative PCR	**Nasopharyngeal/Oropharyngeal swabs in VTM*/MTM****	**Positive**	**RT-PCR-CRISPR Cas-9-based assay**

SRF ID: 3433/KZD/20220312
ICMR Registration number of the lab: **CHMLCK**

Result Interpretation

Negative: **Absence of SARS Cov-2 in the given specimen.**
Positive: **Presence of SARS Cov-2 in the given specimen.**
*VTM: Viral Transport Medium, **MTM: Molecular Transport Medium

COMMENTS:

TATA MD CHECK CRISPR SARS CoV-2 Kit 1.0, Powered by FELUDA is CRISPR - Case 9 based in-vitro diagnostic test kit, capable of detecting nucleic acid sequence of novel corona virus, Severe Acute Respiratory Syndrome Corona virus - 2(SARS CoV-2) in respiratory specimens (Nasopharyngeal/oropharyngeal swabs) of individuals suspected to have contracted corona virus disease COVID-19.

The test is designed to detect target sequence, in the S gene (Spike protein gene). In the RNA of SARS CoV-2, the assay uses the RNA extracted from nasopharyngeal/oropharyngeal swab specimens from patients suspected to have COVID 19. The RNAis first converted into cDNA (Complementary DNA) by reverse transcription and amplified through Polymerase Chain Reaction (PCR), specifically generated for the S target sequences. The complex is detected by a method FELUDA (FnCas9 Editor Linked Uniform Detection Assay) which used lateral flow strips to show the presence or absence of the target sequences as a visible band.

NOTE:

Negative result does not rule out the possibility of COVID-19 infection. Presence of inhibitors, mutations and insufficient RNA specific to SARS CoV-2 can influence the test results. Please correlate the results with clinical findings. A negative result with single upper respiratory tract sample does not rule out SARS CoV-2 infection. Hence in such cases a repeat sample should be sent. Lower respiratory tract samples like sputum, BAL, ET aspirate are appropriate sample especially in sever and progressive lung disease. COVID-19 test is conducted as per the kit approved by ICMR Kindly consult referring physician / authorized hospital for appropriate follow up.

MOLECULAR LABORATORY CALICUT-4 CHEST HOSPITAL

Authorized signatory
Dr. M. Rejadheesh
MSc, PhD Medical Microbiology
Mob: 9037517316

Status: Final Report, Printed On: 03/03/2022 6:33 pm

All steps in the testing procedures are performed in an NABL accredited; ICMR and Government of Kerala approved Laboratory

MC-4774

... End of the report ...