

Patient Name : Mr.MUDUNURI VENKATA CHAITANYA VARMA	Collected : 26/Mar/2021 12:35PM
Age/Gender : 19 Y 0 M 0 D /M	Received : 27/Mar/2021 01:54PM
UHID/MR No : DKMM.000001068	Reported : 27/Mar/2021 07:19PM
Visit ID : DKMMOPV1405	Status : Final Report
Ref Doctor : Dr.SELF	Client Name : PCC KOMMADI
IP/OP NO :	Patient location : MADHURAWADA,Vizag

DEPARTMENT OF MOLECULAR BIOLOGY.

COVID 19

Test Name	Result	Unit	Bio. Ref. Range	Method
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COVID-19(SARS-CoV 2)-REAL TIME PCR(RT-PCR)

SAMPLE TYPE	PHARYNGEAL SWAB			
SARS-CoV-2	NOT DETECTED			
RdRp Gene CT VALUE	NOT DETECTED			
N-Gene CT VALUE	NOT DETECTED			

Comment:

Kit used: ARGENE® SARS-COV-2 R-GENE Assay

Result	Interpretation
Detected (Positive) Result	Indicates presence of detectable levels SARS-CoV-2 specific RNA (RdRp gene and/ or N gene) in patient's sample.
Not Detected (Negative) Result	Indicates absence of detectable levels SARS-CoV-2 specific RNA (RdRp gene and/ or N gene) in patient's sample.
Indeterminate Result	Indicates the specimen concentration is too low, or presence of interfering substances leading to PCR inhibition.

NOTE:

- If either of the genes cannot be determined or will give indeterminate results, further testing maybe required using another kit with a different primer and probe.
- A **Not Detected (Negative) Result** does not exclude the possibility with the Infection.
- Lower respiratory tract specimens are more representative and are preferred.
- If at a later date, suspicion of COVID-19 is strong, a fresh sample for Real Time PCR after a gap of 2-4 days after collection of first sample maybe considered.
- Please contact your Physician for necessary action to be taken and to limit the spread of infection.
- Clinical Correlation and Correlation with the history of the patient is required before arriving at any conclusion. Presence of Non-Specific interfering substances during this assay to be kept in mind. Please correlate clinically before arriving at any conclusion.
- False positive and false negative results can be caused by poor specimen quality, improper sample collection, improper transportation, improper laboratory processing, or a limitation of the testing technology.

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- Presence PCR inhibitors in sample may lead to false negative or invalid results.
- Mutation in the target sequence of SARS-CoV-2 or change in the sequence due to virus evolution may lead to false negative results.
- Invalid Result: There is no typical S-shape amplification curve or Ct > 40 or No Ct detected for target genes and internal control, indicating the specimen concentration is too low, or there are interfering substances that inhibit the reaction. If upon retest, the result is invalid again, another fresh sample should be collected and tested.

Disclaimer:

This Test is based on real-time reverse transcriptase PCR technology for the qualitative detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) specific RNA

*ICMR ID-AHLS001- HYDERABAD
 *ICMR ID-AHLVDLA- VIJAYAWADA
 *ICMR ID-AHLLKDLKAP- KURNOOL
 *ICMR ID-AHLLKDIALBK- BENGALURU
 *ICMR ID-APHLILKDLCTN- CHENNAI

(For kits determining RdRp gene or ORF1b, sensitivity / specificity of such kits shall be mentioned).

*** End Of Report ***

DR. V.Kalyan Chakravarthy
 M.B.B.S., D.C.P., M.D.(Path)
 Consultant Pathologist



SIN No:MO00317778

This test has been performed at Apollo Health and Lifestyle Ltd/Reference Regional Lab, Vijayawada