Patient Name	: Mr.Kanishka Halder	Collected	: 09/Dec/2021 12:43PM
Age/Gender	: 22 Y 9 M 13 D/M	Received	: 09/Dec/2021 07:28PM
UHID/MR No	: APJ1.0013747744	Reported	: 09/Dec/2021 09:29PM
Visit ID	: DBOROPV5991	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP 24X7_CREDIT
IP/OP NO	:	Patient location	: WHITE FIELD,Bangalore

DEPARTMENT OF MOLECULAR BIOLOGY.

COVID 19 RTPCR WITH HOME COLLECTION

Test Name	Result	Unit	Bio. Ref. Range	Method
COVID-19(SARS-CoV 2)-REAL TIME PCR(RT-PCR)				
SAMPLE TYPE	NASOPHARYNGEAL SWAB AND OROPHARYNGEAL SWAB			
SARS-CoV-2	NOT DETECTED			REAL TIME PCR (RT-PCR)

SRF ID : 2952523176588

Comment:

Please Note:

*Not Detected (Negative) Result indicate CT Value of >35 as per the testing kit used.

*The cut-off of the reported CT value is as per the manufacturer.

*CT values vary with the type of kit used, the types of samples collected and the various pre-analytical factors.

*The published studies are conflicting to definitively prove a direct correlation between disease severity/infectiousness and CT values therefore; relying on CT values for determining infectiousness of COVID-19 patients and deciding management protocols is left to clinical discretion.

Kit used: CoviPath ™ COVID-19 RTPCR KIT

Result	Interpretation
Detected (Positive) Result	Indicates presence of detectable levels SARS-CoV-2 specific RNA (ORF1ab gene and/ or N gene) in patient's sample.
Not Detected (Negative) Result	Indicates absence of detectable levels SARS-CoV-2 specific RNA (ORF1ab gene and/ or N gene) in patient's sample.
Indeterminate Result	Indicates the target 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**do not preclude SARS-CoV-2 and should not be used as the sole basis for patient

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For more information contact us at : customer.care@apollodiagnostics.in
www.apollodiagnostics.in

Patient Name	: Mr.Kanishka Halder	Collected	: 09/Dec/2021 12:43PM
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COVID 19 RTPCR WITH HOME COLLECTION

Test Name	Result	Unit	Bio. Ref. Range	Method

management decisions. Kindly repeat test after 48 to 72 hrs if clinically suspected.

- 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 due to multiple factors including sampling technique, transport & interference in the assay can affect the result.
- 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 >35 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- DLUAHTMH- MUMBAI
*ICMR ID-AHLLKDLKAP- KURNOOL
*ICMR ID-ADNTKLKWB - KOLKATA
*ICMR ID-AHLLDLDD-DELHI
*ICMR ID-AHLLKDIALBK- BENGALURU
*ICMR ID-APHLILKDLCTN- CHENNAI
*ICMR ID-AHHHSPPMH- PUNE
*ICMR ID-AHLLBHT-HYDERABAD-GRL

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

***** End Of Report *****

Dr. LUCKY SINHA
M.B.B.S., M.D.,
CONSULTANT PATHOLOGIST

ASHA ARAVIND
MSc Medical Microbiology
Microbiologist

SIN No:MO01682817

This test has been performed at Apollo Health and Lifestyle ltd-Kasturinagar, Diagnostics Laboratory

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