



LAB REPORT



Dr. Remedies Labs

Diagnostics Redefined...

Name : Mr.J. JAGADEESH
Age/Gender : 31 Y O M O D /M
Ref Doctor : SELF
Ref.Cust : SVS DC
Client Code : APF034

UHID No/Visit ID : APF034.00003602/APF034.3631
Collected : 05/May/2021 11:56PM
Received : 06/May/2021 12:18AM
Reported : 06/May/2021 05:36AM
Barcode : 2256871

DEPARTMENT OF MOLECULAR BIOLOGY

Test Name	Result	Unit	Bio. Ref. Range	Method
-----------	--------	------	-----------------	--------

SARS-COV-2 (COVID-19) , NASOPHARYNGEAL/OROPHARYNGEAL SWABS

SARS-CoV-2 E Gene	POSITIVE			Real Time-PCR
SARS-CoV-19 E Gene Ct Value	18.67			
SARS-CoV-2 ORF1ab Gene	POSITIVE			
SARS-CoV-2 ORF1ab Gene Ct Value	21.03			

INTERPRETATION

POSITIVE FOR SARS-CoV2

Condition of specimen received: Maintained under cold condition

Comment:

Note: The results relate only to the specimens tested and should be correlated with clinical findings.

What does CT mean?

In the real time PCR assay a positive reaction is resulted by accumulation of fluorescent signal. The Ct (Cycle threshold) is defined as the number of cycles required for fluorescent signal to cross the threshold (ie exceeds background level). Ct values are inversely proportional to the amount of target nucleic acid in the sample (ie the lower the Ct level the greater the amount of target nucleic acid in the sample). WVDL real time assays undergo 40 cycles of amplification.

Cts <= 24 are strong positive reactions indicative of abundant target nucleic acid (Viral RNA) in the sample

Cts of 25 to 28 are positive reactions indicative of moderate amounts of target nucleic acid (Viral RNA)

Cts of 29 to 37 are weak reactions indicative of minimal amounts of target nucleic acid (Viral RNA) which could represent an infection state.

Note: CT values differ from Kit to Kit, Lab to Lab, sample collection process and sample transportation/storage condition.

Principle of assay is to determine the viral specific gene markers in collected sample.

E-gene to detect all coronavirus strains and ORF1ab gene to confirm COVID-19/SARS-CoV-2.

- ♦ Testing of referred clinical specimens was considered on the basis of approval from ICMR (ICMR Code: DRLH001/DREMLPVKAP)
- ♦ Negative results do not preclude SARS-CoV-2 and should not be used as the sole basis for patient management decisions. Kindly repeat the test after 48/72hr if clinically suspected.
- ♦ A positive test results is only tentative, and will be reconfirmed by re-testing.
- ♦ Repeat sampling and testing of lower respiratory specimen is strongly recommended in severe or progressive disease. The repeat specimens may be considered after a gap of 2 to 4 days after collection of the 1st specimen for additional testing if required.
- ♦ A positive alternate pathogen does not necessarily rule out either, as little is known about role of co-infections.
- ♦ False Negative results may be attributable to improper sample collection, improper transport, under anti-viral treatment.

Printed On :06-May-2021 09:50 AM Sample Processed at :VIJAYAWADA

*** End Of Report ***

Page 1 of 1

Mr.Y.Naresh. M.Sc (PhD)
Sr. Scientist



Dr.M.S.S.Pradeep
Consultant Microbiology



1st Floor, Titus Plaza,
Sharma Commercial Complex
Opp. Model House, Dwarakapuri Colony
Punjabgutta, Hyderabad-500082.
☎ 040 2335 0611

1st Floor, Indian Bank Building
Opp. to SBI, Lady Curzon Road
Shivaji Nagar - 1,
Bangalore-560001.
☎ 080 25584999

2nd floor, A-9, C - Block
Commercial Complex
Naraina Vihar,
New Delhi-110028.
☎ 011 4909 6101

LRK Diagnostic Center
Prakash Nagar,
Kurnool.
☎ 08518 225077

Customer Care : 77997 21212, 77997 10101 | www.drl.co.in