

Branch : **Central Lab-Kallakurichi**  
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**MOLECULAR BIOLOGY**

**SARS CoV2 (COVID19) VIRAL RNA RT PCR**

ICMR LAB Reg No : **SRSMLAKALLTN**

SAMPLE	Nasopharyngeal and oropharyngeal swab
METHOD	Qualitative Real time PCR (Open system-LightCycler96-Roche)
RESULT	<b>POSITIVE</b>
CT Value	N gene - 26
	ORF 1 ab gene - 26

**NEGATIVE:** There is no evidence of SARS CoV2 Viral RNA in the given specimen tested. However, It does not rule out SARS CoV2 infection completely and should not be used as the sole basis for making decisions related to treatment and other patient management.

**POSITIVE:** Indicates presence of SARS CoV2 viral RNA or Nucleic acid. All detected results have been verified using confirmatory test. Detected result does not distinguish between replicating or non-replicating organism.

**INTERPRETATION GUIDANCE:**

1. Testing of referred clinical specimen was considered based on request / referral received from/ through. State Surveillance Officer (SSO) of concerned state Integrated Disease Surveillance Programme (I DSP)/any other health care facility affirming requirements of the case definitions.
2. A single negative test result, particularly if this is from upper respiratory tract specimen that does not exclude infection.
3. A positive test result is only tentative.
4. Repeat sampling and testing of lower respiratory sample is strongly recommended in case of severe or progressive disease. The repeat specimen may be considered after a gap of 2-4 days after the collection of first specimen for additional testing if required.
5. A positive alternate pathogen does not necessarily rule out either, as little is yet known about the role of co-infections.
6. Please note that the results are not to be used elsewhere other than the intended purpose without prior permission of state/national health authorities.
7. Negative results must be combined with clinical observations, patient history, and epidemiological information.

**LIMITATIONS:**

Presence of PCR inhibitors, inappropriate selection and collection selection of sample, not maintaining proper transport conditions may result in undue qualification and or failure to detect the presence of Pathogen.



**End Of Report**

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