



LABORATORY REPORT



Name : **Ms. Sargam Vipulbhai Malaviya** Registration on : 18-Jul -2022 21:04
Lab ID : **012215215102** IP/OP : Collected on : 18 Jul -2022 19:05
Sex/Age : **Female / 18 Years** DOB : 25-Jan-2004 Approved on : 19-Jul -2022 10:29
Ref. By : DR. ANKUR PATEL, : Sample Type : Nasal and Throat Swab
Location : Shiv Diagnostic Pathology Laboratory@Surat

SARS-CoV-2 (COVID-19) QUALITATIVE RT-PCR
Method : Real Time PCR (Qualitative), ICMR Reg No : STADSG

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N gene NOT DETECTED
IC PASS
Conclusion **COVID-19 NEGATIVE**

Interpretation:

1. A "POSITIVE" result indicates presence of SARS-CoV-2 RNA in the sample. Positive result does not rule out infection with bacterial or other viral co-infections.
2. A "NEGATIVE" result indicates absence of SARS-CoV-2 RNA in the specimen with the assay used. A negative result does not exclude the possibility of COVID-19 infection as the results are dependent on many other factors.

Panel Comments:

This molecular test uses Real Time PCR technology based on nucleic acid amplification assay for qualitative detection of RNA of Novel Coronavirus (COVID-19) from Throat and/or Nasopharyngeal swab, BAL fluid & sputum samples. It is an *in vitro* diagnostic test that detects very low levels of SARS-CoV-2 RNA in human clinical samples. The assay includes an internal control with every sample to check for PCR inhibition and sample quality.

Note:

1. Results must be interpreted in conjunction with other clinical and laboratory findings and epidemiological information.
2. Negative result should not be used as the sole basis for patient management decisions. Presence of inhibitors in sample, mutations at primer or probe binding sites or insufficient RNA in patient sample can influence the test result. Inadequate or inappropriate specimen collection can affect test results and Ct values.
3. Kindly consult the referring physician/authorized government hospital for appropriate follow up, if COVID-19 strain reported positive



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