HealthWellDiagnostics
We care for your health

Sample Id	**: 210421272**	**Patient ID**	: 214198
Patient Name	**: MRSUNIL KUMAR ROUT**	**Collection Date**	: 25/04/21 06:17 PM
Age/Gender	: 46 Yrs/Male	**Receiving Date**	: 25/04/21 06:35PM
Ref. By	: Self	**Reporting Date**	: 26/04/21 04:36 PM
SRF ID	: 0767000964906		

COVID-19 RT PCR REPORT

TEST DESCRIPTION	RESULT	UNITS	BIO. REF RANGE

SARS-CoV- 2 (COVID-19) RT-PCR (QUALITATIVE)

SPECIMEN	Nasopharyngeal Swab & Oropharyngeal Swab .
SARS CoV-2 RNA	NOT DETECTED

Method : Real Time PCR

Result	Remarks
Detected	This indicates that RNA from SARS –CoV-2 was present and the patient is considered infected with the virus.
Not Detected	SARS – Cov2 RNA was not present in the specimen or is below the limit of detection.
Inconclusive	A repeat sample is recommended for confirmation.

NOTE:

1. **ICMR Registration Number : HWDPLSED**
2. Negative results do not preclude COVID-19 infection and should not be used as the sole basis for patient management decisions. There are number of factors which could lead to a negative result in an infected individual are as follows:
   - Poor quality of the specimen, containing little patient material (internal control (IC) is added in the sample at RNA/DNA extraction step to find out the adequacy of human RNA/DNA in sample)
   - If the specimen was collected at later or very early stage of the infection.
   - If the specimen was not transported to the lab at appropriate temperature and witin the time duration.
   - Virus mutation at target gene for primers/probes in the kit, number of virus copy present in sample below detection limit of the test kit or due to presence of PCR inhibitors.
3. ICMR has recommended not to rely on numerical Ct values for determining infectiousness of COVID-19 patients and deciding patient management protocols as there are no reliable studies to definitively prove a direct correlation between disease severity/ infectiousness and Ct values. The Ct values can vary depending on several factors, including the test kit used, test protocols, sample transportation mode and time and various others.
4. Both positive and negative controls are included in each and every run.
5. The test result should be read in conjunction with clinical presentation and patient history.
6. Test is performed using ICMR/CE-IVD/USFDA approved kit and as per guidelines recommended by ICMR.
7. Kindly consult referring Physician/ Authorized hospitals for follow-up.

HealthWellDiagnostics
We care for your health

Sample Id	**: 210421272**	**Patient ID**	: 214198
Patient Name	**: MRSUNIL KUMAR ROUT**	**Collection Date**	: 25/04/21 06:17 PM
Age/Gender	: 46 Yrs/Male	**Receiving Date**	: 25/04/21 06:35PM
Ref. By	: Self	**Reporting Date**	: 26/04/21 04:36 PM
SRF ID	: 0767000964906		

8. The performance of this test has not been established for monitoring treatment of COVID -19 infection.

COMMENTS:

1. SARS-CoV-2 is the causative agent of the coronavirus disease 2019 (COVID-19) and the virus belongs to Order: Nidovirales,Family: Coronaviridae,Genus: Beta-coronavirus and structure of the virus are enveloped, positive-sense, single-stranded RNA virus.
2. Common signs& symptoms of infection include fever, cough, loss of smell, tiredness, shortness of breath, and breathing difficulties. In more severe cases, the infection can cause pneumonia, severe acute respiratory syndrome, and kidney failure.
3. The SARS-CoV-2 detection is a real-time PCR technology-based test, for the qualitative detection and differentiation of lineage B-betacoronavirus (B-bCoV) and severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) specific RNA.
4. The test kit used in our lab is targeting ORF1ab/RdRP gene (SARS-CoV-2 specific) and E gene,N gene (B betacoronavirus specific).

----------End Of Report----------