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PATIENT ID	: **LC000420000099**		
PATIENT NAME	: GAURI KULKARNI	**AGE/SEX**	: 39 YEAR / FEMALE
PATIENT ID No	: 525993892399 (Aadhar)	**DOB**	: NA
REF. BY	: SELF	**SAMPLE COLL. DATE**	: 31/03/2021 12:00AM
CUSTOMER NAME	: MEESHA DIAGNOSTICS AND POLYCLINIC	**REG. DATE/TIME**	: 31/03/2021 10:15PM
NATIONALITY	: INDIAN	**REPORT DATE/TIME**	: 01/04/2021 03:01AM

REAL TIME QUALITATIVE RT PCR DETECTION OF SARS-COV-2 / COVID 19

Investigation		**Result**
SAR-CoV-2 (COVID 19)	:	Detected
CT VALUE FOR CONFIRMATORY GENE	:	25

SPECIMEN : NASOPHARYNGEAL AND OROPHARYNGEAL SWAB

METHOD : Real time Reverse Transcriptase PCR using commercially available ICMR approved kit (Taqman probe based)

KIT SPECIFICATION : Meril COVID-19 One Step RT-PCR kit.

CLINICAL INTERPRETATION : The given test detects RNA of SARS-CoV-2 virus in submitted clinical sample, where in ORF1ab & N gene is the target for detection.

REMARKS:
1) A detected result is considered as positive and is indicative of the presence of SARS -CoV-2 infection. Clinical correlation with patient history and other diagnostic information is necessary to determine patient infection status.
2) Positive results do not rule out bacterial infection or co-infection with other viruses. The agent detected may not be the definite cause of disease.
3) A not detected result means that SARS-CoV 2 RNA was not present in the specimen above the limit of detection . However, improper sample collection, handling, storage and transportation may result in false negative result. The report represents only the specimen received in laboratory.

LIMITATIONS :
1) Presence of PCR inhibitor may interfere with PCR amplification.
2) Negative results do not rule out possibility of SARS-CoV-2 infection and should not be used as the sole basis for patient management decisions. Presence of inhibitors, mutations and insufficient organism RNA can influence the result .
3) Positive result does not distinguish between viable and non-viable virus.
4) Viral load/shedding may differ at the beginning and towards the end of infection in an individual , thus repeat testing done on different days may show different results.
5) The test is a qualitative assay and is not recommended by ICMR to quantify viral load due to several technical issues.
6) Various ICMR approved kits may have differences in test sensitivity , specificity and cut off values for PCR cycles , thus may result in difference of results.
7) Research studies are continually updating the knowledge about SARS -CoV 2 and should be considered while review of this report.

ICMR REGISTRATION NO : **LIFWLLILMMH** **NABL Certificate :** **MC-3737**

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--End Of Report--

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