

O-0930

LAB REPORT

UHID : 2805271	No. : LAB/21N/33157	Date: 20/Apr/2021
Name : Mr. SAIBAL CHATTOPADHYAY	Request Number : 13798227	Status:
Sex : M Age : 55 YEARS 0 MONTHS	Registered : 20/Apr/2021 01:14:00PM	
Referred By :	Sample Collected : 20/Apr/2021 01:14:00PM	
Collected At : Lab	Reported : 21/Apr/2021 05:40:00PM	

Investigation	Result	Unit	Biological Ref Interval
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ICMR REGISTRATION NO : MLKHHNUP

SARS-COV-2 REAL TIME PCR

(NASOPHARYNGEAL/OROPHARYNGEAL SWAB)

SARS-COV-2 RNA

: DETECTED

RT-PCR

Ct value of confirmatory gene is = 23

"ICMR has recommended not to rely on numerical Ct values for determining infectiousness of COVID 19 patients and deciding management protocols. The Ct values can vary depending on several factors, including the test kit used, test protocols and various others."

INTERPRETATION:

Detected	This indicates that RNA from SARS-CoV-2 was Present (Positive) and the patient is considered infected with the virus and presumed to be contagious
Not Detected	SARS-CoV2 RNA was not present (Negative) in the specimen or is below the limit of detection.

The virus is spread via person to person contact through respiratory droplets produced when a person coughs or sneeze. The SARS-CoV-2 RNA is generally detectable in nasopharyngeal/oropharyngeal swabs during the acute phase of infections. Real Time PCR assay targets specific genes and can be used for diagnosis of SARS-CoV-2 virus infection which contributes to severe upper respiratory distress complications.

Limitations:

- Negative results do not preclude COVID 19 and should not be used as the sole basis for patient management decisions. Negative results must be combined with clinical observations, patient history and epidemiological information.
- Positive results do not rule out bacterial infections or co-infection with other viruses.
- Optimum specimen types and timing for peak viral levels during infections caused by SARS-COV-2 have not been determined. Collection of multiple specimen (type and time points) from the same patient may be necessary to detect the virus.
- If the virus mutates in the RT-PCR target region, SARS-COV-2 may not be detected or may be detected less predictably. Inhibitors or other types of interference may produce a false negative result.
- The performance of this test has not been established for monitoring treatment of COVID-19 infection.

Note : Test is performed using ICMR approved kit.

*[THIS TEST IS CONDUCTED AT MOLECULAR LAB DEPARTMENT OF LABORATORY MEDICINE, KAILASH

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HEALTH CARE PAR EXCELLENCE

KAILASH HOSPITAL
(A Unit of Kailash Healthcare Ltd.)
Delhi-Jaipur N.H.-8, Behror-301 701(Raj.)
Phones : 01494 - 222 222 & 222 444
Fax: 01494 - 222 088 Helpline : 09351161611

KAILASH HOSPITALS LTD.
23 KP-I, GREATER NOIDA - 201305
Ph: 0120 - 232 11 11 & 232 22 22
Fax: 232 22 27 Mobile: 9990222222

KAILASH INSTITUTE OF NATUROPATHY, AYURVEDA & YOGA
(A Unit of Kailash Hospitals Ltd.)
26 KP-I, GREATER NOIDA - 201306
Ph: 0120 - 232 79 00 & 232 70 00

DEEPAK MEMORIAL HOSPITAL
Operated by : KAILASH HEALTH CARE LTD.
5 INSTITUTIONAL AREA, VIKAS MARG EXTN.-II, DELHI-92
Phone : 011-2215 55 55, 2215 44 44 FAX : 22379260

Regd. Office : A-101, New Ashok Nagar, Delhi - 110096

E-mail : khcl@kailashhealthcare.com

Web site : www.kailashhealthcare.com



KAILASH HEALTHCARE

KAILASH HOSPITAL & HEART INSTITUTE

(A UNIT OF KAILASH HEALTHCARE LTD.)

325 Beds Super Speciality (NABH & NABL ACCREDITED)

H-33, SECTOR - 27, NOIDA - 201301

Phones : 0120 - 2 44 44 44, 2 48 66 66 & 2466+Extn Fax : 0120 - 2 53 33 33

**G-0227****LAB REPORT**

UHID : 2828730	No. : LAB/21N/62100	Date: 05/May/2021
Name : Mr. SAIBAL CHATTOPADHYAY	Request Number : 9786621	Status:
Sex : M Age : 55 YEARS 0 MONTHS	Registered : 05/May/2021	04:09:00PM
Referred By : 9786621	Sample Collected : 05/May/2021	09:49:00PM
Collected At : Kailash G.N.	Reported : 06/May/2021	08:25:00PM

Investigation	Result	Unit	Biological Ref Interval
ICMR REGISTRATION NO : MLKHHNUP			

SARS-COV-2 REAL TIME PCR

(NASOPHARYNGEAL/OROPHARYNGEAL SWAB)

SARS-COV-2 RNA
RT-PCR

: DETECTED

Ct value of confirmatory gene is = 27

"ICMR has recommended not to rely on numerical Ct values for determining infectiousness of COVID 19 patients and deciding management protocols. The Ct values can vary depending on several factors, including the test kit used, test protocols and various others."

INTERPRETATION:

Detected	This indicates that RNA from SARS-CoV-2 was Present (Positive)
	and the patient is considered infected with the virus and presumed
	to be contagious
Not Detected	SARS-CoV2 RNA was not present (Negative) in the specimen or is below
	the limit of detection.

The virus is spread via person to person contact through respiratory droplets produced when a person coughs or sneeze. The SARS-CoV-2 RNA is generally detectable in nasopharyngeal/oropharyngeal swabs during the acute phase of infections. Real Time PCR assay targets specific genes and can be used for diagnosis of SARS-CoV-2 virus infection which contributes to severe upper respiratory distress complications.

Limitations:

- Negative results do not preclude COVID 19 and should not be used as the sole basis for patient management decisions. Negative results must be combined with clinical observations, patient history and epidemiological information.
- Positive results do not rule out bacterial infections or co-infection with other viruses.
- Optimum specimen types and timing for peak viral levels during infections caused by SARS-COV-2 have not been determined. Collection of multiple specimen (type and time points) from the same patient may be necessary to detect the virus.
- If the virus mutates in the RT-PCR target region, SARS-COV-2 may not be detected or may be detected less predictably. Inhibitors or other types of interference may produce a false negative result.
- The performance of this test has not been established for monitoring treatment of COVID-19 infection.

Note : Test is performed using ICMR approved kit.

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KAILASH HOSPITAL (A Unit of Kailash Healthcare Ltd.) Delhi-Jalpur N.H.-8, Behror-301 701(Raj.) Phones : 01494 - 222 222 & 222 444 Fax: 01494 - 222 086 Helpline : 09351161611	KAILASH HOSPITALS LTD. 23 KP-I, GREATER NOIDA - 201305 Ph.: 0120 - 232 11 11 & 232 22 22 Fax: 232 22 27 Mobile: 9990222222	KAILASH INSTITUTE OF NATUROPATHY, AYURVEDA & YOGA (A Unit of Kailash Hospitals Ltd.) 26 KP-I, GREATER NOIDA - 201305 Ph.: 0120 - 232 79 00 & 232 70 00	DEEPAK MEMORIAL HOSPITAL Operated by: KAILASH HEALTH CARE LTD. 5 INSTITUTIONAL AREA, VIKAS MARG EXTN-II, DELHI-82 Phone : 011-2215 56 55, 2215 44 44 FAX: 22379260
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Regd. Office : A-101, New Ashok Nagar, Delhi - 110096

E-mail : khcl@kailashhealthcare.com

Web site : www.kailashhealthcare.com

O-0350

LAB REPORT

UHID : 2828730	No. : LAB/21N/69948	Date : 12/May/2021
Name : Mr. SAIBAL CHATTOPADHYAY	Request Number : 13862022	Status :
Sex : M Age : 55 YEARS 0 MONTHS	Registered : 12/May/2021	12:22:00PM
Referred By :	Sample Collected : 12/May/2021	12:24:00PM
Collected At : Lab	Reported : 12/May/2021	05:30:00PM

Investigation	Result	Unit	Biological Ref Interval
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ICMR REGISTRATION NO : MLKHNUP

SARS-COV-2 REAL TIME PCR

(NASOPHARYNGEAL/OROPHARYNGEAL SWAB)

SARS-COV-2 RNA

RT-PCR

:NOT DETECTED

"ICMR has recommended not to rely on numerical Ct values for determining infectiousness of COVID 19 patients and deciding management protocols. The Ct values can vary depending on several factors, including the test kit used, test protocols and various others."

INTERPRETATION:

Detected	This indicates that RNA from SARS-CoV-2 was Present (Positive) and the patient is considered infected with the virus and presumed to be contagious
Not Detected	SARS-CoV2 RNA was not present (Negative) in the specimen or is below the limit of detection.

The virus is spread via person to person contact through respiratory droplets produced when a person coughs or sneeze. The SARS-CoV-2 RNA is generally detectable in nasopharyngeal/oropharyngeal swabs during the acute phase of infections. Real Time PCR assay targets specific genes and can be used for diagnosis of SARS-CoV-2 virus infection which contributes to severe upper respiratory distress complications.

Limitations:

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- Positive results do not rule out bacterial infections or co-infection with other viruses.
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- If the virus mutates in the RT-PCR target region, SARS-COV-2 may not be detected or may be detected less predictably. Inhibitors or other types of interference may produce a false negative result.
- The performance of this test has not been established for monitoring treatment of COVID-19 infection.

Note : Test is performed using ICMR approved kit.

*[THIS TEST IS CONDUCTED AT MOLECULAR LAB DEPARTMENT OF LABORATORY MEDICINE, KAILASH HOSPITAL & HEART INSTITUTE, SECTOR-27, NOIDA (ICMR APPROVED)]

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