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Origin: External Consultation

Doctor: PARTICULAR

Order #: 1063989

Date: 23/12/2021 12:47

Room:

Age: 28 year(s)

Sex: M

TEST NAME	RESULT	UNITS	REFERENCE RANGE
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Sar-Cov2 Virus Detection by PCR

NEGATIVE

**SAMPLE TYPE:**

Nasopharyngeal swab.

**METHODOLOGY USED:**

RT-PCR in real time.

**DESCRIPTION OF THE AMPLIFICATION METHOD:**

The real-time SARS2 or 19 RT-PCR (Reverse Transcription Polymerase Chain Reaction) test allows detection of the Orf-1ab Protein N gene (Ncov-2), the SARS-related E gene and the RdRp gene.

No cross-reactions were found with the following organisms: HCoV-Oc43, HCoV-229e, HCV-Hku1, Mers-CoV, Influenza A nH1N1, Influenza A H3N2, Influenza B, Rhinovirus, Enterovirus, Respiratory Syncytial Virus A, Respiratory Syncytial Virus B, Parainfluenza Virus 1, Parainfluenza Virus 2, Parainfluenza Virus 3, Parainfluenza Virus 4, Human Metaneumovirus, Adenovirus, Chlamydia pneumoniae, Haemophilus influenzae, Legionella pneumophila, Mycobacterium tuberculosis, Streptococcus pneumoniae, Streptococcus pyogenes, Bordetella pertussis, Mycoplasma pneumoniae, Candida albicans, Pseudomonas aeruginosa and Staphylococcus epidermis.

**DETECTION LIMIT :**

40 copies viral RNA, amplification (Ct<40)

**INTERPRETATION:**

a) **NEGATIVE** result: Indicates absence of amplification of gene N (Ncov-2), gene RdRp and SARS-related E gene to Coronavirus.

b) **POSITIVE** Result: Indicates amplification of gene N (Ncov-2), gene RdRp and the SARS-related E gene to Coronavirus.

**NOTES:**

a) All results are validated by the internal control and positive control provided for in this methodology.

b) **NEGATIVE** results indicate that SARS-CoV-2 RNA could not be detected, which could be related to the absence of the virus, or to a viral load below the detection limit of this methodology in the sample.

c) Any outcome should be correlated with the patient's medical history and epidemiological data.

Validated by: ANITA CORDOVA

OBS: CEIBOS ---

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Dra. Karina Izquierdo  
Technical Director

The doctor is the professional trained to interpret the result, correlating it with other clinical factors. Bring the report for your doctor's analysis.



ACESS Authorization QR



Lab. Authorization QR

To directly access the validation of your results, please scan the QR code found in this document.