

## PCR TEST RESULTS REPORT FOR SARS-CoV-2

**PATIENT'S NAME:** NOMBRE APP1 APP2

ID/PASSPORT: IDENTIFICACION

DATE OF BIRTH: 20/11/1995

GENDER: MUJER

REASON: Motivo de la prueba de ejemplo

SAMPLE CODE: TEST CODE

TEST NAME: PCR test for SARS-CoV-2.

SAMPLE RECEIVED: Nasopharyngeal swab.

### OBJECTIVE OF THE GENETIC STUDY:

The objective of this procedure is to detect by RT-qPCR three specific genes of the SARS-CoV-2 pathogenic viral strain, using the TaqPath COVID-19 CE-IVD RT-PCR Kit (Thermofisher, USA), which simultaneously detects three highly conserved regions (genes encoding ORF1ab, N Protein, and S Protein) of the RNA SARS-CoV-2 virus, along with an internal positive control (MS2-IPC) in a single PCR reaction.

### ANALYSIS CARRIED OUT - METHODOLOGY:

1. Obtaining the viral RNA using the following reagents and commercial kits:

- Viral MagBead (Zymo Research)

2. Viral RNA purification using the following automatic platform:

- Fluent Automation Workstation (Tecan)

3. RT-qPCR using the TaqPath COVID-19 CE-IVD RT-PCR Kit (Thermofisher) and detection of ORF1ab, N Protein and S Protein regions of the SARS-CoV-2 virus in:

- QuantStudio 5 Real-Time PCR instrument (Thermofisher)

### RESULT:

**PCR Test Result for SARS-CoV-2****RESULTADO**

The procedure and the results obtained have been validated by:

Name and surname:

**Test Doctor**

Signature:

