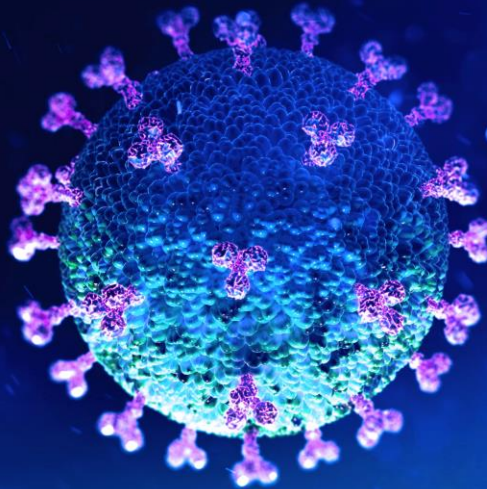


# REALQUALITY SARS-CoV-2 5G

Kit for the detection of ORF1ab, N and S genes of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by one-step Real-Time RT-PCR



Target genes  
ORF1ab; N; S

The test can be automated by performing sample extraction and PCR plate set-up on GENEQUALITY® X120 platform which also allows sample tracking, integration with the laboratory LIMS and minimal intervention by the operator.

For *in vitro* diagnostic use



## FEATURES

**REALQUALITY SARS-CoV-2 5G** is a kit for the detection of ORF1ab, N and S genes of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by one-step Real-Time RT-PCR .

In addition to ensuring high diagnostic sensitivity and specificity, the new kit **guarantees the detection of the virus even in the presence of mutations associated to new variants**, thanks to the detection of multiple target regions for each gene.

- Includes all reagents for reverse transcription and Real-Time PCR amplification
- Single multiplex reaction for the amplification of **ORF1ab** (one target region), **N** (two target regions), **S** (two target regions) genes and of the **endogenous internal control**
- Compatible with RNA extracted from nasopharyngeal and oropharyngeal swabs and saliva
- Requires 10 µL of extracted RNA
- Includes positive control
- Includes dUTP/UNG system to prevent PCR contamination
- Amplification time of 70 min
- Compatible with:
  - CFX96 Dx System/CFX96 Real-Time PCR Detection System-IVD (*Bio-Rad*)
  - AriaDx Real Time PCR System (*Agilent Technologies*)
- Automated interpretation of results with AB Genius Report software
- Can be automated on GENEQUALITY X120



### ORDER INFORMATION

Code	Description	PKG
RQ-140-6M	REALQUALITY SARS-CoV-2 5G	100 tests
RQ-140-6A	REALQUALITY SARS-CoV-2 5G (for the use on GENEQUALITY® X120 automatic platform)	100 tests

### RELATED PRODUCTS

RQ-129	REALQUALITY RQ-2019-nCoV SARS-CoV-2 (RdRp; E)	100 tests
RQ-130	REALQUALITY RQ-SARS-CoV-2 SARS-CoV-2 (RdRp; S)	100 tests
RQ-131	REALQUALITY ABFlu-CoV-2 SARS-CoV-2 (RdRp; N), Influenza A, Influenza B	100 tests
RQ-133	REALQUALITY ResP-Aria SARS-CoV-2 (RdRp; N), Influenza A, Influenza B and RSV	100 tests
RQ-135	REALQUALITY SARS-CoV-2 Variants K417N, K417T, N501Y point mutations	100 tests
RQ-138	REALQUALITY SARS-CoV-2 AIM Variants K417N e P681R point mutations	100 tests