



Fast results



**Without
RNA extraction step**



1-Step RT-qPCR method



**Environmentally-
friendly option**

**No dry-ice and
thermal boxes used**

Transportation and storage
at **room temperature**

rTEST COVID-19 qPCR RAPID diagnostic kit

The rTEST COVID-19 qPCR Rapid kit is a qualitative in vitro diagnostic test designed to detect the presence of SARS-CoV-2 genetic material in biological samples obtained by gargling **without RNA extraction**.

The rTEST COVID-19 qPCR Rapid kit is an innovative, improved, and re-designed version of the WHO-recommended Charite, Berlin protocol.

The kit contains three sets of primers and hydrolysis probes (TaqMan®) in a single multiplexed reaction targeting the SARS-CoV-2 specific E and RdRP genes together with human RNase P. TaqMan probes for E, RdRP, and RNase P genes are conjugated to YY, FAM, and Cy5, respectively. This enables multiplexed detection of SARS-CoV-2 and human

RNase P as an internal control to validate proper sample collection and performance of the test. For E and RdRP genes, we developed proprietary dual TaqMan® probes to increase the sensitivity and specificity of our 1-Step RT-qPCR method.

The RT and qPCR reactions are conducted in a one tube, one-step fashion.

The kit is intended exclusively for use in a diagnostic laboratory with the appropriate equipment, safety standards and properly trained personnel. One package of the kit is sufficient for 400 tests.

CE IVD Registration
code: P1430A



MAIN FEATURES:

- 1-Step RT-qPCR method
- Without RNA extraction step
- **Fast results:** Reaction time reduced to 57 minutes
- At least two weeks room temperature stability
- Improved sensitivity of proprietary RdRP and E assays together with RNase P assay as an internal control
- SARS-CoV-2 full genomic RNA spiked with human RNA used as a positive control
- 100% clinical accuracy
- 100% specific for SARS-CoV-2
- Validated on real clinical samples
- No cold chain shipping needed