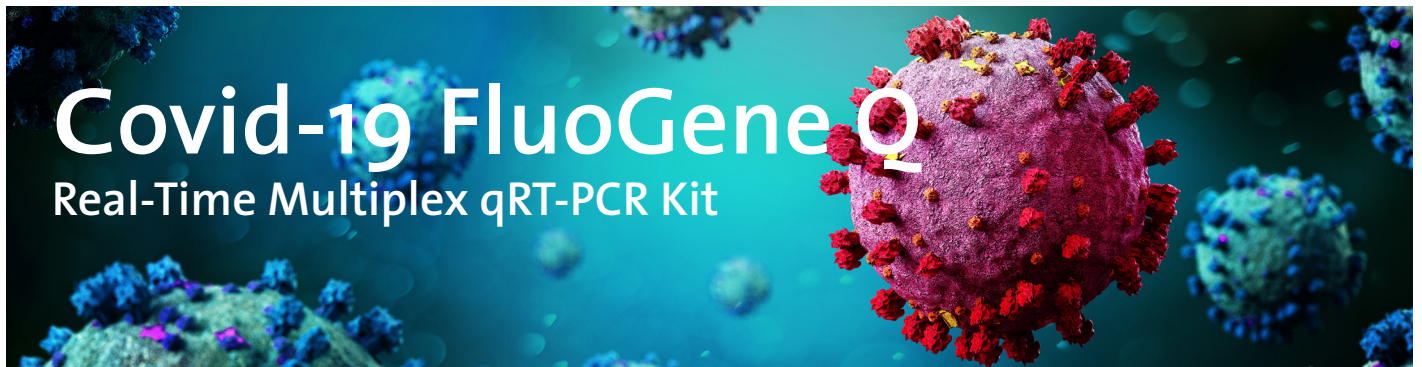


Covid-19 FluoGene Q: qualitative detection of SARS-CoV-2 specific RNA

SARS-CoV-2 is a novel coronavirus causing the coronavirus disease 2019 (Covid-19). It is closely related to the SARS virus and was first identified in December 2019 in Wuhan, China. By now it has spread globally resulting in an ongoing pandemic. Covid-19 FluoGene Q kit is a CE-IVD marked dual-target multiplex qRT-PCR for the qualitative detection of severe acute respiratory syndrome coronavirus (SARS-CoV-2) specific RNA. The system works with any RNA isolation method, but

ideally it is combined with automated viral DNA/RNA extraction consisting of the BEXS12 instrument and the BEXS12 Ready Viral DNA/RNA Bead Kit.

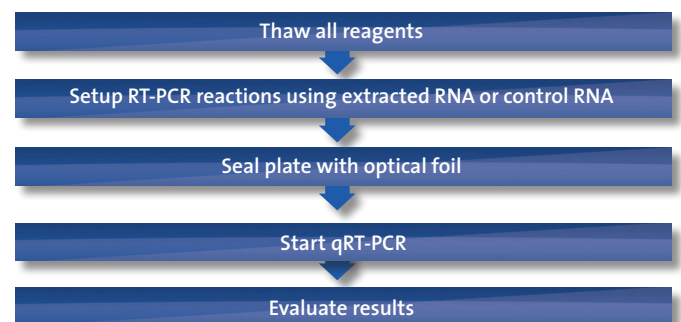
The isolated RNA target is transcribed into cDNA and the target genes are amplified in a single step qRT-PCR. The primer probe mixes detect the SARS-CoV-2 specific genes M and N1, as well as the human RNase P gene as an internal control reaction. A positive control is included in the test system.



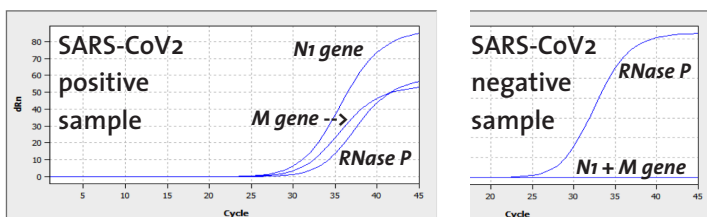
FEATURES

- One-Step qRT-PCR rapid test
- Detection of SARS-CoV-2 M and N1 genes
- Internal control detecting human RNase P gene in each well
- Positive Control + Nuclease-free water provided
- validated in combination with BEXS12 automated RNA extraction
- validated on FluoQube, QTower, ABI7500 + Quantstudio 6 Pro
- CE IVD

WORKFLOW



RESULT INTERPRETATION



CoV-2 Genes N1 + M	human RNase P	Status	Result	Action
NEG	NEG	Invalid	NA	Repeat Test
NEG	POS	Valid	SARS-CoV-2 Not Detected	Report Results
POS	POS or NEG	Valid	SARS-CoV-2 Detected	Report Results

ORDERING INFORMATION

ARTICLE NO.	ARTICLE
003 COV 096	Covid-19 FluoGene Q
GX01050	BEXS12 Bead Extraction System
GX01054	BEXS12 Ready Viral DNA/RNA Bead Kit
005 010 000	FluoQube System, incl. computer system and software package



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