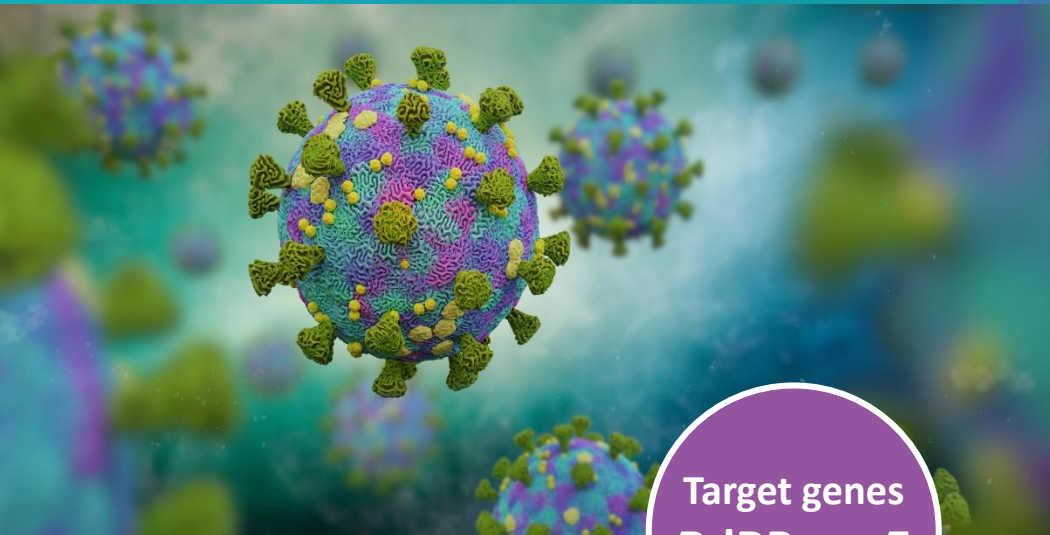


REALQUALITY RQ-2019-nCoV

Kit for detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by one-step Real-Time RT PCR



Target genes
RdRP and E

Based on WHO guidelines
(*Berlin protocol*)

For *in vitro* diagnostic use

FEATURES

REALQUALITY RQ-2019-nCoV is a kit for the detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by one-step Real-Time RT PCR using RNA extracted from human clinical samples.

- Includes reverse transcription and Real-Time PCR amplification reagents
- Single ready-to-use mix for three targets: RdRP gene, E gene and the internal control
- Designed to work with RNA extracted from nasopharyngeal swabs, sputum and bronchoalveolar lavage (BAL)
- Requires 10 µL of extracted RNA
- Includes RNA internal control and positive control
- Includes dUTP/UNG system to prevent PCR contamination
- Execution time of 100 min
- Compatible with:
 - Applied Biosystems 7500 Fast Dx Real-Time PCR System (*Applied Biosystems*)
 - CFX96 Real-Time PCR Detection System-IVD (*Bio-Rad*)
 - LightCycler 480 Real-Time PCR System version II (*Roche*)
 - AriaDx Real Time PCR System (*Agilent Technologies*)

ORDER INFORMATION

Code	Description	Package
RQ-129-4M	REALQUALITY RQ-2019-nCoV	50 tests
RQ-129-6A	REALQUALITY RQ-2019-nCoV (for GENEQUALITY X120 automated platform)	100 tests

RELATED PRODUCTS

Code	Description	Package
RQ-130-4M	REALQUALITY RQ-SARS-CoV-2	50 tests
RQ-130-6M	REALQUALITY RQ-SARS-CoV-2	100 tests
RQ-130-6A	REALQUALITY RQ-SARS-CoV-2 (for GENEQUALITY X120 automated platform)	100 tests

REFERENCES

Corman, V.M., Landt, O., Kaiser, M., Molenkamp, R., Meijer, A., Chu, D.K., Bleicker, T., Brünink, S., Schneider, J., Schmidt, M.L. and Mulders, D.G., 2020. Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. *Eurosurveillance*, 25(3).

Lai, C.C., Shih, T.P., Ko, W.C., Tang, H.J. and Hsueh, P.R., 2020. Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and corona virus disease-2019 (COVID-19): the epidemic and the challenges. *International journal of antimicrobial agents*, p.105924.

Pan, Y., Zhang, D., Yang, P., Poon, L.L. and Wang, Q., 2020. Viral load of SARS-CoV-2 in clinical samples. *The Lancet Infectious Diseases*.

Zhou, P., Yang, X.L., Wang, X.G., Hu, B., Zhang, L., Zhang, W., Si, H.R., Zhu, Y., Li, B., Huang, C.L. and Chen, H.D., 2020. A pneumonia outbreak associated with a new coronavirus of probable bat origin. *Nature*, pp.1-4.



AB ANALITICA srl Via Svizzera, 16 - 35127 Padova ITALY | P.IVA 02375470289

Tel. + 39 049 761698 | Fax. +39 049 8709510 | www.abanalitica.com | info@abanalitica.it

RQ-2019-nCoV_Brochure_e20200320