

The **Real-time fluorescent RT-PCR kit for detecting 2019-nCoV** manufactured by **BGI Europe A/S** is available for procurement through the Supply Division and offered at a bundled price \$8.70 which includes a test kit, an isolation kit and sample collection kit. Individual components of the bundle can also be procured separately. A technical and commercial description of the products is presented in Table 1 below.

Table 1 Real-time fluorescent RT-PCR kit for detecting 2019-nCoV

UNICEF Material Number	Product Description	Product Code	Pack Size	Price per Pack, USD	Price per Test, USD	FCA Lead Time, <i>indicative</i>	FCA Port of delivery
S0003887	Real-time fluorescent RT-PCR kit for detecting 2019-nCoV, which includes: <ul style="list-style-type: none"> ▪ 1 vial, 2019-nCoV Reaction Mix (1mL) ▪ 1 vial, 2019-nCoV Enzyme Mix (80µL) ▪ 1 vial, 2019-nCoV Positive control (750µL) ▪ 1 vial, 2019-nCoV Blank control (750µL) 	MFG030010	50 tests	300.00	6.00	1 week	FCA Hong Kong Airport
S0003889	MGIEasyVirus DNA/RNAExtraction Kit/1728T	MFG030011	1,728 tests	2,073.60	1.20	1 week	FCA Hong Kong Airport
S0003888	VTM with NP and OP swabs, pack/1 piece	HW4311	1 pc	1.50	1.50	1 week	FCA Hong Kong Airport

Product Reference Note:

Real-time fluorescent RT-PCR kit for detecting 2019-nCoV by BGI Europe A/S

Intended purpose:

The kit is a qualitative in vitro nucleic acid amplification assay to detect ORF1ab gene of 2019-nCoV using Reverse transcription PCR in specimen of throat swab and Bronchoalveolar Lavage Fluid (BALF) from suspects, suspicious clustering cases and others for the purpose of diagnosis and differential diagnosis.

The following PCR equipment with applicable software is required to run the test:

- Applied Biosystems™ Real time PCR system 7500 (Applied Biosystems)
- SLAN-96P PCR System (Sansure Biotech Inc.)

Also, please note the below storage and stability conditions for the product:

The RT-PCR Kit should be stored at -18°C or colder in the dark.

Shelf life:

At least 6 months

Should you have any questions regards to ordering please contact covid19_dx@unicef.org

Should you have any technical questions regards to the test please contact Wandani Sebonego wsebonego@unicef.org

Product Reference Note:

Real-time fluorescent RT-PCR kit for detecting 2019-nCoV by BGI Europe A/S