

The **Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing)** manufactured by **Da An Gene Co., Ltd. of Sun Yat-sen University** is available for procurement through the Supply Division. The product is offered at the FCA-based price **US\$495.00** per kit. The price does not include an extraction kit which must be procured separately. A technical and commercial description of the product is presented in Table 1 below.

Table 1 Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing)

UNICEF Material Number	Product Description	Product Code	Pack Size	Price per Pack USD	Price per Test, USD	FCA Lead Time, <i>indicative</i>	FCA Delivery Port
S0003924	<p>Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing) Kit, includes:</p> <ul style="list-style-type: none"> • PCR Detection reagents: <i>NC “ORF1ab/N” PCR reaction solution A.</i> • 2x Specific primers, probes, tris(hydroxymethyl)aminomethane-hydrochloric acid buffer 900µl. • <i>NC (ORF1ab/N) PCR reaction solution B.</i> • 2x Hot start Taq DNA polymerase, c-MMLV enzyme, Rnasin, dNTPs, etc. 200 µl. • Control • <i>NC (ORF1ab/N) positive control.</i> • 1x Pseudo viruses with target segments and internal control segments 400 µl. • <i>NC (ORF1ab/N) negative control.</i> • Pseudo virus containing target fragments, pseudo virus containing internal standard fragments • 1x IFU. 	DA0932	96 tests / kit	495.00	5.16	2 weeks	Guangzhou Int'l Airport, China

Product Reference Note:

Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing) Kit

Intended use:

RNA (PCR_ PCR-Fluorescence Probing) CoV-19 Detection Kit is used for the in vitro qualitative detection of (2019-nCoV) ORF1ab and N genes in the throat swabs, sputum specimens of suspected pneumonia patients infected by novel coronavirus, suspected clustering cases and others needing diagnosis or differential diagnosis for novel coronavirus.

One of the below RNA extraction or purification reagents is required to run the test:

- YHXB No. 20170583, YHXB No. 20150302 products manufactured by DAAN.
- QIAamp Viral RNA Mini Kit, 52906 by QIAGEN (Available for procurement through UNICEF as catalogue number S0003893)

The following PCR equipment with relevant software is compatible with the test:

- ABI PRISM® 7500 SDS,
- LightCycler480 II.

Storage and stability conditions:

-20°C ±5°C.

Shelf life:

12 months

Should you have any questions regards to ordering please contact covid19_dx@unicef.org cc Tatsiana Ptashnik tptashnik@unicef.org

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

Product Reference Note:

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