

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\$288.00** 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"> <li>• PCR Detection reagents: <i>NC “ORF1ab/N” PCR reaction solution A.</i></li> <li>• 2x Specific primers, probes, tris(hydroxymethyl)amino methane-hydrochloric acid buffer 900µl.</li> <li>• <i>NC (ORF1ab/N) PCR reaction solution B.</i></li> <li>• 2x Hot start Taq DNA polymerase, c-MMLV enzyme, Rnasin, dNTPs, etc. 200 µl.</li> <li>• Control</li> <li>• <i>NC (ORF1ab/N) positive control.</i></li> <li>• 1x Pseudo viruses with target segments and internal control segments 400 µl.</li> <li>• <i>NC (ORF1ab/N) negative control.</i></li> <li>• Pseudo virus containing target fragments, pseudo virus containing internal standard fragments</li> <li>• 1x IFU.</li> </ul>	DA0932	96 tests / kit	288.00	3.00	2 weeks	Guangzhou Int'l Airport, China

\* Further volume discounts apply.

Product Reference Note:

**Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing) Kit** manufactured by **Da An Gene Co., Ltd.**

**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 Tatsiana Ptashnik [tptashnik@unicef.org](mailto:tptashnik@unicef.org)

Should you have any technical questions regards to the product please contact Wandani Sebonego [wsebonego@unicef.org](mailto:wsebonego@unicef.org)

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