

The **STANDARD M nCoV Real-Time Detection Kit** manufactured by **SD BIOSENSOR** is available for procurement through the Supply Division and offered at US\$6.00 per test. 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 STANDARD M nCoV Real-Time Detection Kit*

<b>UNICEF Material Number</b>	<b>Product Description</b>	<b>Product Code</b>	<b>Pack Size</b>	<b>Price per Pack, USD</b>	<b>Price per Test, USD</b>	<b>FCA Lead Time, <i>indicative</i></b>	<b>FCA Delivery Port</b>
S0003886	STANDARD M nCoV Real-Time Detection Kit, which includes: <ul style="list-style-type: none"> <li>• 2 vials x 2019-nCoV Reaction Solution (750µL)</li> <li>• 1 vial x RTase Mix (630µL)</li> <li>• 1 vial x 2019-nCoV Positive control (600µL)</li> <li>• 1 vial x Negative control (600µL)</li> <li>• 1 vial x Internal control A (525µL)</li> <li>• 1 vial x ROX (55µL)</li> <li>• 1 x IFU</li> </ul>	M-NCOV-01	96 Tests	576.00	6.00	2 weeks	FCA Incheon Airport

Product Reference Note:

**STANDARD M nCoV Real-Time Detection Kit by SD BIOSENSOR**

**Intended purpose:**

STANDARD M nCoV Real-Time Detection kit is used for identification and detection of novel coronavirus (2019-nCoV) ORF1ab (RdRp) gene and E gene in human nasopharyngeal swab, oropharyngeal swab, and sputum specimens using reverse transcription (RT) real-time PCR.

**The following are not provided with the kit but are required to run the test:**

1. RNA extraction kit has to be procured separately.
  - QIAamp® Viral RNA Mini Kit, Qiagen (cat.no. 52904) is an extraction kit recommended by the test manufacturer.
  
2. The following PCR equipment with relevant software are compatible with the test:
  - LightCycler® 480 (Roche)
  - CFX96™ Dx System (Bio-Rad)
  - Biosystems 7500 Real-Time PCR Instrument System (Thermo Fisher Scientific)
  - Applied Biosystems 7500 Fast Real-Time PCR Instrument System (Thermo Fisher Scientific)

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

-25°C to -15°C

**Shelf-life:**

12 months

Should you have any questions regards to ordering please contact Tatsiana Ptashnik [tptashnik@unicef.org](mailto:tptashnik@unicef.org) cc [covid19\\_dx@unicef.org](mailto:covid19_dx@unicef.org)

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

Product Reference Note:

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