

RADI COVID-19 Detection Kit and **RADI PREP Swab and Stool DNA/RNA Kit** by **KH Medical Co. Ltd** are available for procurement through UNICEF Supply Division. Technical and commercial description of the products is presented in Table 1 below.

Table 1 RADI COVID-19 kits

UNICEF Material Number	Product Description	Product Code	Pack Size	FCA Price per Pack, USD	FCA Price per Test, USD	FCA Lead Time, <i>indicative</i>	FCA Port of Delivery
S0003894	RADI COVID-19 Detection Kit/100T includes: <ul style="list-style-type: none"> ▪ 1 x Primer & Probe mixture (500µL) ▪ 1 x 3X RT Master Mix (1,000µL) ▪ 1 x Positive Control (300µL) ▪ 1 x RNase free water (1,000µL) ▪ 1 x COVID-19 Extraction Control (1,000µL) ▪ 1 x IFU 	RV008	100 tests	430.00	4.30	2 weeks	FCA Incheon Airport, South Korea
S0003895	RADI PREP Swab and Stool DNA/RNA Kit/100T includes: <ul style="list-style-type: none"> ▪ Swab/Stool Lysis Buffer (100ml) ▪ KSB Buffer (30ml) ▪ KSW1 Buffer (30 ml). ▪ KSW2 Buffer (12 ml) ▪ KSE Buffer (15 ml) 	MP002	100 tests	300.00	3.00	3 weeks	FCA Incheon Airport, South Korea

Product Reference Note:

RADI COVID-19 Detection and Extraction Kits manufactured by **KH Medical Co., Ltd**

	<ul style="list-style-type: none"> Proteinase K (2x1.25ml) Carrier molecule (lyophilized) (600µg) Spin column (100 each) Collection tubes (200 each) 						
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Intended use:

The product is intended for the presumptive qualitative detection of nucleic acid from the COVID-19 in upper and lower respiratory specimens. The RADi COVID-19 Detection Kit is a molecular in vitro diagnostic test that aids in the detection and diagnosis COVID-19 and is based on widely used nucleic acid amplification technology. The assay is for use by a laboratory professional trained to use real-time PCR in a laboratory.

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

- In addition to S0003895 RADi PREP Swab and Stool DNA/RNA Kit/100T, the following RNA extraction kit have been validated with the test kit and can/should be procured:
 - RADi PREP Plus, KH Medical - Not available for procurement through Supply Division
 - QIAmp Viral RNA Mini Kit, Qiagen - Available for procurement through the Supply Division (S0003893).
- The following PCR equipment with applicable software is required to run the test:
 - Applied Biosystems 7500 Real-Time PCR System, Thermo Fisher
 - CFX96 Real-Time PCR Instrument (CFX96), Bio-Rad

Storage and stability conditions:

S0003894 RADi COVID-19 Detection Kit/100T:

All components should be stored at -25°C to -15°C upon arrival. Exposure time at room temperature should not exceed 30 minutes.

S0003895 RADi PREP Swab and Stool DNA/RNA Kit/100T:

All buffers except Proteinase K and Carrier molecule in this kit can be stored at 15 - 35°C. Proteinase K should be stored at 2 - 4°C after reception. Carrier molecule should be stored at -25 to -15°C after dissolution. Carrier molecule is not recommended to be freeze and thawed more than 8 times.

Product Reference Note:

RADi COVID-19 Detection and Extraction Kits manufactured by **KH Medical Co., Ltd**

Shelf life:

S0003894 RADI COVID-19 Detection Kit/100T - max 8 months

S0003895 RADI PREP Swab and Stool DNA/RNA Kit/100T – max 18 months

Should you have any questions regards to ordering please contact Tatsiana Ptashnik
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