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

<table>
<thead>
<tr>
<th>UNICEF Material Number</th>
<th>Product Description</th>
<th>Product Code</th>
<th>Pack Size</th>
<th>FCA Price per Pack, USD</th>
<th>FCA Price per Test, USD</th>
<th>FCA Lead Time, indicative</th>
<th>FCA Port of Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0003894</td>
<td>RADI COVID-19 Detection Kit/100T includes: ▪ 1 x Primer &amp; 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</td>
<td>RV008</td>
<td>100 tests</td>
<td>430.00</td>
<td>4.30</td>
<td>2 weeks</td>
<td>FCA Incheon Airport, South Korea</td>
</tr>
<tr>
<td>S0003895</td>
<td>RADI PREP Swab and Stool DNA/RNA Kit/100T includes: ▪ Swab/Stool Lysis Buffer (100ml) ▪ KSB Buffer (30ml) ▪ KSW1 Buffer (30 ml). ▪ KSW2 Buffer (12 ml) ▪ KSE Buffer (15 ml)</td>
<td>MP002</td>
<td>100 tests</td>
<td>300.00</td>
<td>3.00</td>
<td>3 weeks</td>
<td>FCA Incheon Airport, South Korea</td>
</tr>
</tbody>
</table>
### 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:
1. 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).

2. 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.
**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
tptashnik@unicef.org

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