



The **TaqPath COVID-19 CE-IVD RT-PCR Kit** for use on Applied Biosystems 7500 Real-Time PCR Systems is offered at a bundled price of \$5.80 per test that includes a test kit and an isolation kit. A full description of the product is presented in Table 1 below.

Table 1: TaqPath COVID-19 CE-IVD RT-PCR Kit for Use with Applied Biosystems Real-Time PCR Systems

| UNICEF Material Number | Product Description | FCA Price (USD)/Kit |
|------------------------|---|---------------------|
| S0001772 | TaqPath COVID-19 CE-IVD Kit, 1000 RXN | \$ 5,020.00 |
| S0001775 | MagMAXViral/P II NAIsolationKit,2000RXN | \$ 1,560.00 |

Due to the pack size orders are multiple 2,000 and the minimum order quantity is 2000 tests (2 kits) which is equivalent to 2 X S0001772 TaqPath COVID-19 CE-IVD Kits and 1 X S0001775 MagMAXViral/P II NAIsolation Kits.

Please note that:

1. One of the following real-time PCR systems* is required to perform the test:
 - a. Applied Biosystems™ 7500 Real-Time PCR Instrument,
 - b. Applied Biosystems 7500 Fast Real Time PCR Systems,
 - c. Applied Biosystems 7500 Fast Dx Real Time PCR Systems,
 - d. Applied Biosystems™ QuantStudio™ 5 Real-Time PCR Instruments (96-well and 384-well, 0.1-mL block and 0.2-mL block)**,
 - e. Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR Instrument, and QuantStudio™ 7 Flex Real-Time PCR Instrument (384-well block).

* A newest version of the interpretation software for each type of instrument is available for downloading from a website. An insert that is included in the kit provides the end customer an access to the location of the download.

2. Applied Biosystems™ Real-Time PCR Instruments assigned for COVID-19 testing need to be properly maintained and calibrated. To ensure laboratory readiness, by agreement with Supply Division, the supplier provides **at a complimentary price US\$0.01** any and all calibration sets, and dyes listed in

Product Reference Note:

TaqPath COVID-19 CE-IVD RT-PCR Kit manufactured by **Thermo Fisher**

Annex 1 to the laboratories in countries ordering TaqPath COVID-19 CE-IVD RT-PCR Kits through UNICEF. To quantify the specific needs in the calibration materials, requesting countries are required to **submit end-user information following the template** presented in Annex 2.

3. **The following items are required to run the test but not supplied with the kit and can be purchased through UNICEF SD separately:**
 - a. QuantStudio™ 5 Real-Time PCR System, 96-well, 0.1 mL, laptop or desktop-based. Catalogue # A28568 (laptop-based) or # 28573 (desktop-based). FCA price US\$22,000.
 - b. QuantStudio™ 5 Real-Time PCR System, 96-well, 0.2 mL, laptop or desktop-based. Catalogue # A28569 (laptop-based) or # 28574 (desktop-based). FCA price US\$22,000.
 - c. QuantStudio™ 5 Real-Time PCR System, 384-well, laptop or desktop-based. Catalogue # A28570 (laptop-based) or # 28575 (desktop-based). FCA price US\$22,000.
 - d. Magnetic Stand for Manual Extraction 96 well magnet stand. Catalog # AM10027. FCA Price US\$383
 - e. KingFisher™ Flex Purification System, KingFisher with 96 Deep-well Head. Catalog # 54000630. FCA Price US \$49,300 per instrument
 - f. KingFisher 96 Tip Comb. Catalog # 97002534. FCA Price US \$549 per case of 100
 - g. KingFisher 96 deep-well plate, v-bottom, polypropylene. Catalog # 95040450. FCA Price US\$277 per piece.
 - h. KingFisher 96 microplate (200µL) (for Flex, Apex and Presto). Catalog # 97002540. FCA Price US\$161 per case of 48
4. Sample collection devices are required but not included in the kit and therefore must be purchased in sufficient quantities separately.

Should you have any questions regards to ordering please contact covid19_dx@unicef.org

Annex 1: Calibrators and dyes required for PCR systems (NOT supplied with the kit – to be ordered if needed)

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| ABY/JUN only | Instrument | Part no. | Description | Price | |
|--------------|-------------------------|------------|--|---------------------------------|--------|
| | 7500 Fast | A24734 | 96W FST CALIBRATOR W/ABY DYE | \$0.01 | |
| | | A24735 | 96W FST CALIBRATOR W/JUN DYE | \$0.01 | |
| | 7500 Standard | A24737 | 96W STD CALIBRATOR W/JUN DYE | \$0.01 | |
| | | A24738 | 96W STD CALIBRATOR W/ABY DYE | \$0.01 | |
| | 7500 Fast Dx | A24734 | 96W FST CALIBRATOR W/ABY DYE | \$0.01 | |
| | | A24735 | 96W FST CALIBRATOR W/JUN DYE | \$0.01 | |
| | Quant Studio 5 - 0.1mL | A26336 | FAST 96-WELL 4-DYE CAL PLATE 1 | \$0.01 | |
| | | A26337 | FAST 96-WELL 4-DYE CAL PLATE 2 | \$0.01 | |
| | Quant Studio 5 - 0.2 mL | A26331 | 96-WELL 0.2ML CAL PLATE 1 | \$0.01 | |
| | | A26332 | 96-WELL 0.2ML CAL PLATE 2 | \$0.01 | |
| | Quant Studio 5-384 | A26334 | 384-WELL CAL PLATE 1 | \$0.01 | |
| | | A26335 | 384-WELL CAL PLATE 2 | \$0.01 | |
| | Quant Studio 7-384 | A24733 | 384WELL CALIBRATOR W/JUN DYE | \$0.01 | |
| | | A24736 | 384WELL CALIBRATOR W/ABY DYE | \$0.01 | |
| | Full Calibration Set | Instrument | Part no. | Description | Price |
| | | 7500 Fast | 4360788 | FG,FAST 7500 SPECTRAL CAL KIT I | \$0.01 |
| 4351979 | | | TaqMan™ RNase P Instrument Verification Plate 96fast | \$0.01 | |
| A24734 | | | 96W FST CALIBRATOR W/ABY DYE | \$0.01 | |
| A24735 | | | 96W FST CALIBRATOR W/JUN DYE | \$0.01 | |
| | 7500 Standard | 4349180 | FG,7500 SPECTRAL DYE CAL KIT I | \$0.01 | |
| | | 4350584 | 96 WELL RNASE P VERIF PLATE | \$0.01 | |
| | | A24737 | 96W STD CALIBRATOR W/JUN DYE | \$0.01 | |
| | | A24738 | 96W STD CALIBRATOR W/ABY DYE | \$0.01 | |
| | 7500 Fast Dx | 4360788 | FG,FAST 7500 SPECTRAL CAL KIT I | \$0.01 | |
| | | 4351979 | TaqMan™ RNase P Instrument Verification Plate 96fast | \$0.01 | |
| | | A24734 | 96W FST CALIBRATOR W/ABY DYE | \$0.01 | |
| | | A24735 | 96W FST CALIBRATOR W/JUN DYE | \$0.01 | |
| | QuantStudio 5 - 0.1ml | A26336 | FAST 96-WELL 4-DYE CAL PLATE 1 | \$0.01 | |
| | | A26337 | FAST 96-WELL 4-DYE CAL PLATE 2 | \$0.01 | |
| | | 4432426 | FAST 96WELL ROI&BCKGRND PLATES | \$0.01 | |
| | | 4351979 | TaqMan™ RNase P Instrument Verification Plate 96fast | \$0.01 | |
| | QuantStudio 5 - 0.2ml | A26331 | 96-WELL 0.2ML CAL PLATE 1 | \$0.01 | |
| | | A26332 | 96-WELL 0.2ML CAL PLATE 2 | \$0.01 | |
| | | 4432382 | TAQMAN RNASE P 96-WELL INSTR | \$0.01 | |
| | | 4432364 | 96WELL ROI&BCKGRND PLATES | \$0.01 | |
| | QuantStudio 5 - 384 | A26334 | 384-WELL CAL PLATE 1 | \$0.01 | |
| | | A26335 | 384-WELL CAL PLATE 2 | \$0.01 | |
| | | 4432320 | 384 WELL ROI&BCKGRND PLATES | \$0.01 | |
| | | 4455280 | TaqMan™ RNase P Instrument Verification Plate - 384 | \$0.01 | |
| | Quant Studio 7-384 | 4432271 | 384-WELL CALIBRATION PLATE - FAM | \$0.01 | |
| | | 4432278 | 384-WELL CALIBRATION PLATE - VIC | \$0.01 | |
| | | 4432284 | 384-WELL CALIBRATION PLATE - ROX | \$0.01 | |
| | | A24733 | 384WELL CALIBRATOR W/JUN DYE | \$0.01 | |
| | | A24736 | 384WELL CALIBRATOR W/ABY DYE | \$0.01 | |
| | | 4432308 | 384-WELL NORMALIZATION PLATES - FAM/ROX and VIC/ | \$0.01 | |
| | | 4432320 | 384-WELL ROI&BACKGROUND PLATES | \$0.01 | |
| | | 4455280 | TaqMan™ RNase P Instrument Verification Plate - 384 | \$0.01 | |

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