

Palm PCR™ COVID-19 Fast POCT System

Sample to Result within 1 hour

Ultra-Fast & Highly Sensitive RT-PCR

Rapid & Efficient Direct RNA Extraction

No Need to Change your Real-time PCR Instrument



COVID-19 Fast POCT System

COVID-19 Fast POCT Kit

- *Palm PCR™ COVID-19 Fast Real-time RT-PCR Kit*
- *Palm PCR™ Viral RNA Direct Extraction Kit*

Equipment

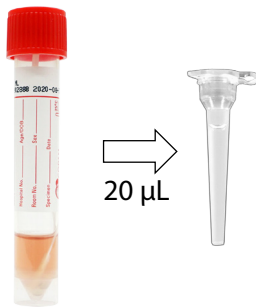
- *PalmTron™ E1 Portable Nucleic Acid Extractor*
- *Ahram™ RX1 Portable Centrifuge*
- *Use your ABI or Bio-Rad Real-time PCR Instrument*

Ahram Biosystems, Inc.

Palm PCR™ COVID-19 Fast POCT System

Simple & Fast Workflow

Step 1. Direct Extraction



20 µL

Step 2. Real-time RT-PCR



5 µL



Direct Extraction
≤ 3.5 min



Centrifugation
≤ 2 min



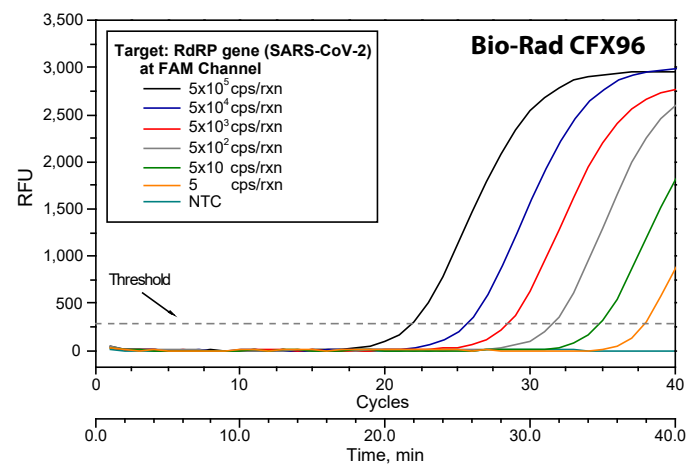
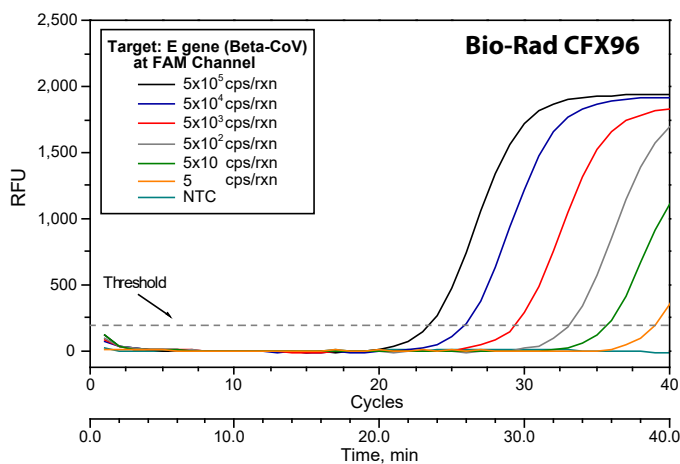
Real-time RT-PCR
45 min

Ultra-Fast MDx with Extreme Sensitivity

Sensitivity of COVID-19 Fast POCT System

COVID-19 Fast POCT System delivers accurate results with high sensitivity down below 1~1.5 copies/µL, in less than 1 hour.

Shown below are results of detecting RNA templates: **Assay 1** for detecting **E gene** common to both SARS-CoV-2 (previously known as 2019-nCoV) and SARS-CoV and **Assay 2** for detecting **RdRP gene** specific to SARS-CoV-2.



< Results of COVID-19 Fast POCT Diagnosis >

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