



HDPCR™ SARS-CoV-2 Assay Direct Workflow*

Direct Workflow. Direct Savings.

Reduce hands-on-time and sample processing up to 50%.
Same XPRIZE winning assay. Still variant inclusive.

Save time and money: With a turn-around-time of less than 2.5 hours you can run more samples, maximizing your productivity.

Get accurate results fast: Results are delivered in seconds in an easy user-friendly interface without modifications to existing hardware.

Start testing easily: Compatible with common qPCR instruments with 24-hour evaluation capability.

Features and Benefits

- Leverages common qPCR instruments
- No extraction instrument required
- Decrease your turn-around-time and hands-on-time
- Internal positive control
- Broad coverage of relevant variants

Workflow steps	Alternative Extraction Workflow ¹	Direct Workflow
Extraction Set-up	Pipette Steps: 8 HOT: 26 minutes Total time: 53 minutes Cost of consumables & reagents: \$1.50-2.00/sample	Pipette Steps: 2 HOT: 5 minutes Total time: 15 minutes Cost of consumables & reagents: \$0.10/sample
Extraction Time	27 minutes	10 minutes
Control	Spiked in during extraction. Potential for pipette error increasing chance of repeat.	Internal positive control

¹ Blake W Buchan, PhD, D(ABMM), Derek Gerstbrein, Amorina Cruz, Jess Hoff, PhD, Emily Sievert, Nathan A Ledebauer, PhD, D(ABMM), Matthew L Faron, PhD, Evaluation of a High-Definition PCR Assay for the Detection of SARS-CoV-2 in Extracted and Nonextracted Respiratory Specimens Collected in Various Transport Media, American Journal of Clinical Pathology, 2021.





ChromaCode Reagents



Proprietary Signal Processing Algorithm



ChromaCode Cloud™

- Direct qPCR workflow saves time

- Automated data upload and analysis workflow with ChromaCode Cloud™



Key Test Specifications

Sample Type	Common upper respiratory samples
qPCR Instruments Compatibility	Applied Biosystems™ 7500 Fast Applied Biosystems™ 7500 Fast Dx Applied Biosystems QuantStudio™ 5 (96-well, 0.2mL and 384-well) Applied Biosystems QuantStudio™ 7 (96-well Fast) Applied Biosystems QuantStudio™ 12K Flex (384-well)
Run Time	< 2.5 hours
Scalable Throughput	1-88 samples/96-well plate or 1-373 samples/384-well plate
Storage/Stability	-25°C to -15°C / 6 months

Ordering Information

Product Name	Kit Size	Part Number
HDPCR™ SARS-CoV-2 Assay	480 Tests	0683
HDPCR™ SARS-Cov-2 Box 1, HT Assay	2592 Tests	0904
HDPCR™ SARS-CoV-2 Box 2, HT Calibrators	36 Runs	0905
HDCPR™ SARS-CoV-2 Controls	20 Extractions	0690

Order now or request additional information: +1 442-244-4370

* Validation of the HDPCR™ SARS-CoV-2 Assay Direct Workflow has not been reviewed by FDA. Review under the EUA program is pending. Distributed in accordance with the guidance on Policy for Coronavirus Disease-2019 Tests During the Public Health Emergency, Section IV.C.