

CDC COVID-19 RUO RT-qPCR Protocol

Modified Quickstart Guide

					Supporting Equipment and Instruments
Sample Collection	DNA/RNA Shield Collection Tube w/ Swab Zymo Research VWR# 76020-428 or 76020-432	OR	Sample collection device of your choosing; see vwr.com for currently available options AND DNA/RNA Shield™ Reagent Zymo Research VWR# 76020-100		VWR® 12-Channel Electronic Pipettor VWR# 10827-938
Nucleic Acid Extraction & Purification	Quick-DNA/RNA Viral MagBead Kit Zymo Research VWR# 76358-896	OR	Mag-Bind® Viral DNA/RNA 96 Kit Omega Biotek VWR# 101414-562	AND	AccuPlex™ SARS-CoV-2 Reference Material Kit SeraCare VWR# MSPP-0505-0126
RT-PCR Assays	2019-nCoV CDC-qualified Probe and Primer Kits for SARS-CoV-2 Biosearch Technologies VWR# 76411-164	AND	qScript™ XLT One-Step RT-qPCR ToughMix®, Low ROX Quantabio VWR# 89236-676* OR UltraPlex 1-Step ToughMix® (4X) Quantabio VWR# 10804-954*		Quantabio Q qPCR Instrument VWR# 76175-392 Agilent AriaMX & FAM Filter VWR# 76193-704 VWR# 76193-706 Analytik Jena q-TOWER ³ 84 & FAM Filter VWR# 76196-700 VWR# 10066-146

*See vwr.com to ensure ROX levels are compatible with your instrument.

Please refer to individual product manuals for detailed protocols.

Additional Supporting Products

Supplier	Description	Cat. No.
VWR	VWR Life Science Nucleaseliminator	97064-070
VWR	Water, Molecular Biology Grade	VWRL0201-1000
VWR	VWR 96-Well PCR Plates for ABI® Fast 7500	89218-296
Quantabio	0.1 mL 4-Strip Tubes & Caps for Quantabio Q	76202-252
VWR	VWR 96-Well PCR Plates for Agilent AriaMX	82006-650
VWR	VWR 384-Well PCR Plates for Analytik Jena qTOWER ³ 84	82006-678

For more product options and the most current product availability information please visit vwr.com/cms/covid_19

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