BioGX
Molecular Made Easy

Xfree™ COVID-19 Direct RT-PCR

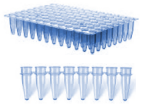
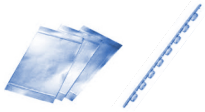
Workflows for Direct and Extracted Samples

Quick guide

High-Throughput Workflow

80 minutes for 96 to 384 samples

Validated platforms:
Applied Biosystems™ 7500 Fast Dx & QuantStudio™ 5
Bio-Rad CFX96 Touch™ & CFX384 Touch™

Kit Component		Materials Required	
Xfree™ Sample-Ready™ Tube	Molecular Grade Water	96/384-well PCR Plate or PCR Strip Tubes	Optical Plate Seals or Tube Caps
			
Supplied by BioGX	Purchased separately	Purchased separately	Purchased separately

Direct Sample Workflow

Validated Transport Media:
Saline
UTM®
UVT
VTM
ESwab™

1

Rehydrate with 400 µL of molecular grade water. Dispense *Xfree*™ reagent (26 x 15 µL) into multi-well plate.

2

Add 5 µL of patient sample, pipette up and down once and apply the optical seal or tube caps.

3

Pulse spin, load into real-time PCR instrument & start run protocol specific for direct sample.

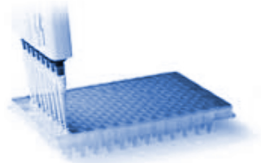
Extracted Sample Workflow

Validated Transport Media:
Saline
UTM®
UVT
VTM
ESwab™

1

Rehydrate with 400 µL of molecular grade water. Dispense *Xfree*™ reagent (40 x 10 µL) into multi-well plate.

2



Add 5 µL of extracted RNA, pipette up and down once and apply the optical seal or tube caps.

3

Pulse spin, load into real-time PCR instrument & start run protocol specific for extracted sample.

CE IVD

FDA EUA

This product has not been FDA cleared or approved, but has been authorized for emergency use by FDA under an EUA for use by authorized laboratories • This product has been authorized only for the detection of nucleic acid from SARS-CoV-2, not for any other viruses or pathogens • The emergency use of this product is only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of in vitro diagnostics for detection and/or diagnosis of COVID-19 under Section 564(b)(1) of the Federal Food, Drug, and Cosmetic Act, 21 U.S.C. § 360bbb3(b)(1), unless the declaration is terminated or authorization is revoked sooner.