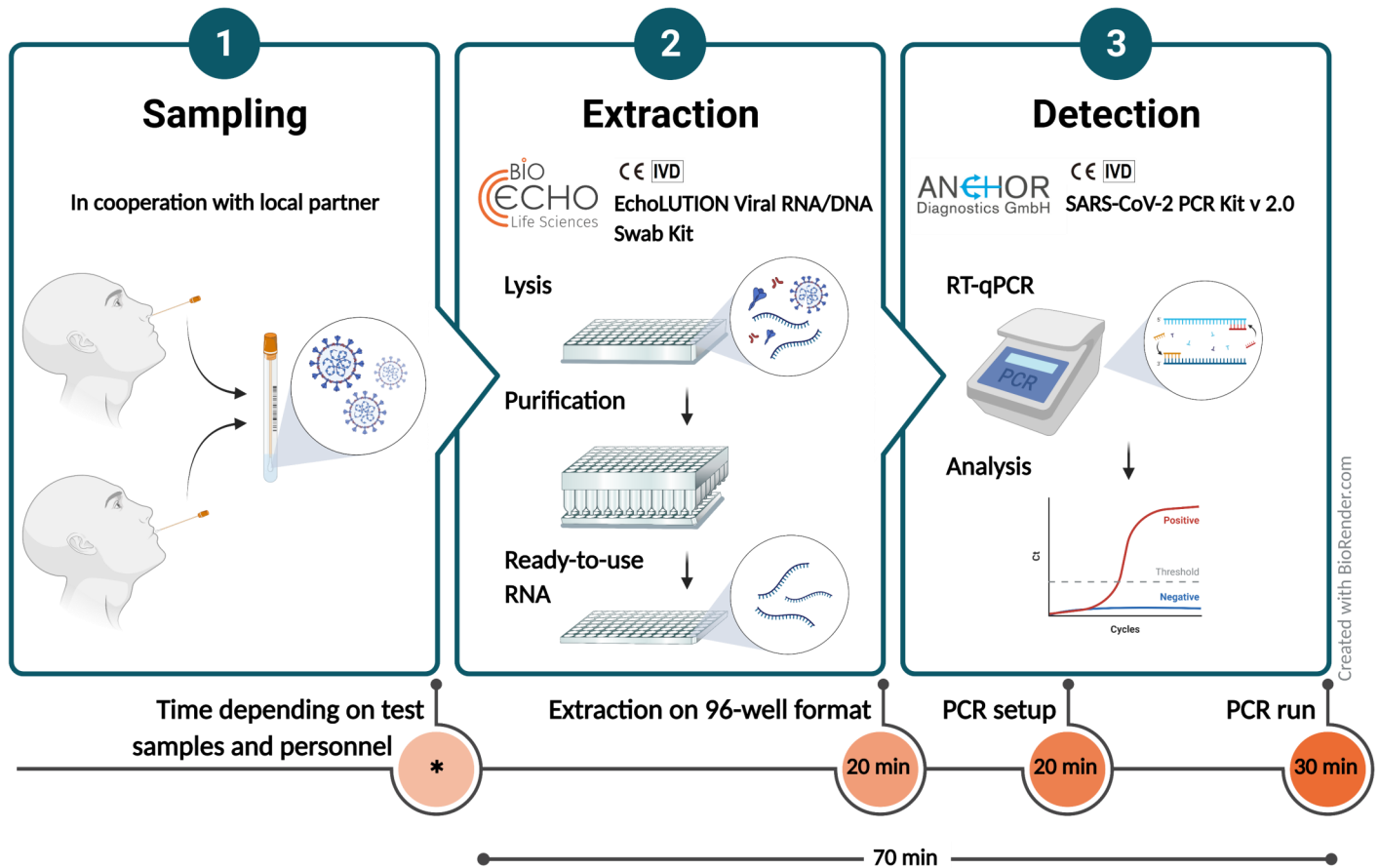


SARS-CoV-2 PCR testing in 70 minutes using the EchoLUTION Viral RNA/DNA Swab Kit



Workflow

EchoLUTION Viral RNA/DNA Swab Kit + Anchor SARS-CoV-2 PCR Kit v 2.0



Features enable stationary and mobile testing

Convenience and speed

Single-step purification and optimized reaction chemistry enable SARS-CoV-2 PCR within ~70 minutes

In vitro diagnostics

CE-IVD labeling enables fast and easy integration into diagnostic laboratory routines and ensures high-quality standards

Compatibility

Compatible with all types of swabs (dry, in transport medium or in inactivation medium)

Reliable results

Inhibitor-free viral SARS-CoV-2 RNA allows reliable RT-qPCR for the detection of specific S- and N-gene sequences

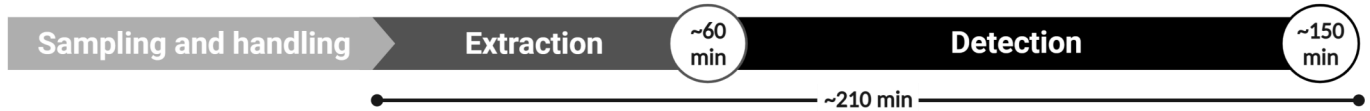
Sustainability

70% less plastic consumption due to reduction of extraction steps as well as use of alternative packaging materials



Considerably faster compared to conventional methods

Conventional RNA extraction kit + Conventional SARS-CoV-2 PCR kit

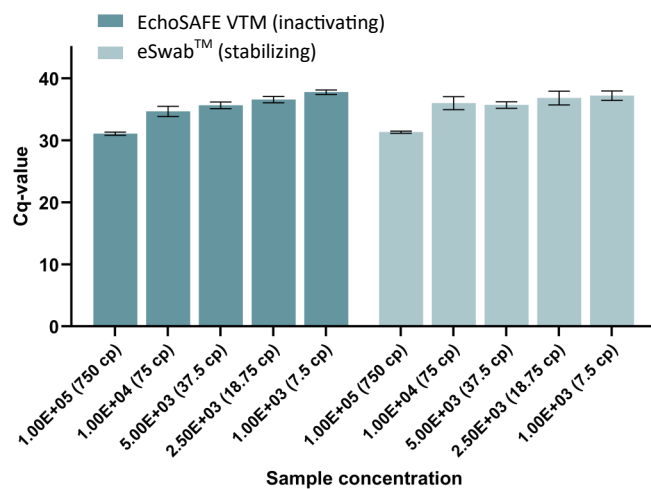


EchoLUTION Viral RNA/DNA kit + Anchor SARS-CoV-2 PCR kit v 2.0



Analytical data

Compatible with inactivating and stabilizing transport medium



RNA from different dilutions of SARS-CoV-2 virus particles in either stabilizing eSwab™ medium (non-chaotropic) or inactivating EchoSAFE Viral Transport Medium (chaotropic) were extracted with the EchoLUTION RNA/DNA Viral Kit Plus extraction kit and analyzed by RT-qPCR with the SARS-CoV-2 PCR Kit v 2.0 (Anchor Diagnostics) assay.

RT-qPCR kit detects all tested SARS-CoV-2 strains

Isolate	SARS-CoV-2
SARS-CoV-2/human/Australia/VIC01/2020	+
SARS-CoV-2/human/Wuhan-Hu-1	+
SARS-CoV-2/human/Japan/Hu_DP_Kng_19-020/2020	+
SARS-CoV-2/human/USA/TX1/2020	+
SARS-CoV-2/human/USA/MN2-MDH2/2020	+
SARS-CoV-2/human/USA/CA9/2020	+
SARS-CoV-2/human/DEU/HH-1/2020	+
SARS-CoV-2/human/Belgium/ULG-10004/2020 (B.1.1.7)	+
SARS-CoV-2/human/England/205041766/2020 (B.1.1.7)	+
SARS-CoV-2/human/England/MILK-9E05B3/2020 (B.1.1.7)	+
SARS-CoV-2 Lineage B.1.351	+

Triplicates of eleven different SARS-CoV-2 isolates (whole genome synthesized or viral RNA) were tested with the Anchor SARS-CoV-2 PCR Kit v 2.0.



Ordering information

BioEcho EchoLUTION Viral RNA/DNA Kits	Reactions/Format	Product No.
EchoLUTION Viral RNA/DNA Swab Kit Plus (2 x 48) – CE-IVD*	2 x 48	012-051-002
EchoLUTION Viral RNA/DNA Swab Kit Plus (8 x 48) – CE-IVD*	8 x 48	012-051-008
EchoLUTION Viral RNA/DNA Swab Kit Plus (16 x 48) – CE-IVD*	16 x 48	012-051-016
EchoLUTION Viral RNA/DNA Swab Kit Plus (2 x 96) – CE-IVD*	2 x 96	012-102-002
EchoLUTION Viral RNA/DNA Swab Kit Plus (8 x 96) – CE-IVD*	8 x 96	012-102-008
EchoLUTION Viral RNA/DNA Swab Kit Plus (16 x 96) – CE-IVD*	16 x 96	012-102-016
EchoSAFE Viral Transport Medium (inactivating)	500 ml or bulk	030-004-005

*Kits without LyseNtact buffer available upon request

Anchor SARS-CoV-2 PCR Kit	Reactions	Product No.
Anchor SARS-CoV-2 PCR Kit v 2.0 – CE-IVD	1 x 384	A2100



www.bioecho.de
 Nattermannallee 1
 50829 Cologne, Germany
 +49 221 9988970
 contact@bioecho.de



www.anchor-diagnostics.com
 Grandweg 64
 22529 Hamburg, Germany
 +49 40 52014830
 info@anchor-diagnostics.com