

SOLIScript® 1-step CoV Kit

Sensitive and highly specific 1-step RT-qPCR reagents optimized for SARS-CoV-2 detection



95 /100 4 Citations

Convenient kit format for performing highly specific cDNA synthesis and probe-based qPCR in a single tube. The kit contains qPCR mix, SOLIScript® RT enzyme mix with RiboGrip™ RNase inhibitor, and nuclease-free water.

Optimized for SARS-CoV-2 detection

Flexible assay set-up

Suitable for multiplexing (up to 4 targets in a single assay)

Reaction set-up and shipment without ice

RNase inhibitor included in the kit

Ordering

Choose Product Size

250 rxn | 250 x 20 µl rxn

50 rxn | 50 x 20 µl rxn **free**

sample

REQUEST FOR BULK SIZE

Some applications of this product may require a license which is not provided by the purchase of this product.

For research use only.

— Reagents Provided

Item	Pcs.	Vial size
40x One-step SOLIScript® CoV Mix	1	250 rxn 125 µl
5x One-step Probe CoV Mix	1	250 rxn 1 ml
Water, nuclease free	1	5 ml

Description

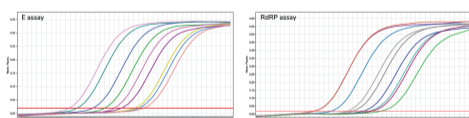
SOLIScript® 1-step CoV Kit is optimized for highly sensitive detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) viral RNA by one-step real-time RT-PCR (RT-qPCR).

The Kit is suitable for the detection of up to four targets simultaneously and can be used with all common qPCR cyclers. Follow recommendations specific for a selected SARS-CoV-2 diagnostic panel, and instrument-specific guidelines. Contact us if a passive reference dye is required for signal normalization.

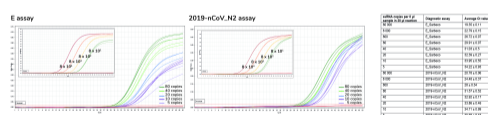
SARS-CoV-2 primers and probes, applicable positive and internal extraction controls are not provided with the Kit and should be supplied by the user. If full solution is needed, please check out: [SOLIScript® SARS-CoV-2 RT-qPCR Multiplex Assay Kit](#).

SOLIScript® 1-step CoV Kit is tested and validated for SARS-CoV-2 detection by diagnostic laboratories. Please see our [recommendations](#) for US-CDC and Berlin-Charité protocols.

Note! Amplification of more than one target in a single reaction may require considerable optimization, individual assays must be validated prior to multiplexing. For multiplex reactions, design primer pairs with similar annealing temperatures for all targets to be amplified. Self-complementarity of primers should be avoided.



Performance validated with clinical samples



Highly sensitive detection, evaluated with SARS-CoV-2 synthetic single stranded RNA

India Contact:
Life Technologies (India) Pvt. Ltd.
306, Aggarwal City Mall, Opposite M2K Pitampura,
Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222
Mobile: +91-9810521400
Fax: +91-11-42208444
Email: customerservice@lifetechindia.com
Web: www.lifetechindia.com

Properties

Sample type: RNA

Product format: Reagent kit

Detection type: Probe-based

Reference dye: not included

Compatible real-time instruments: Most qPCR platforms. [Check Your cycler!](#)

Reagents

5x One-step Probe CoV Mix with HOT FIREPol® DNA polymerase, reaction buffer, dNTPs, 15 mM MgCl₂ (1x qPCR solution - 3 mM MgCl₂)

40x One-step SOLIScript® CoV Mix with SOLIScript® Reverse Transcriptase and RiboGrip™ RNase Inhibitor

Water, nuclease free

Applications

Detection and quantification of RNA targets with qPCR (including SARS-CoV-2)

DNA/LNA hydrolysis probe-based assays

Suitable for singleplex and multiplex reactions