

SOLIScript® 1-step Multiplex Probe Kit

Sensitive and highly specific cDNA synthesis and qPCR in a single tube



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.

- cDNA synthesis up to 60°C for superior specificity
- analyze 1-4 targets in 1 reaction
- reaction set-up and shipment without dry ice
- robust amplification of GC-rich targets
- contains dUTP to prevent cross-contamination when used in combination with UNG
- RNase inhibitor included in kit
- Includes purple reference dye

Ordering

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

For research use only.

Choose Product Size

250 rxn | 250 x 20 µl rxn

50 rxn | 50 x 20 µl rxn **free**

sample

REQUEST FOR BULK SIZE

Reagents Provided

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

Description

SOLIScript® 1-step Multiplex Probe Kit is optimized for probe based one-step RT real-time quantitative PCR assays. It contains all the components necessary (except template, primers, and probes) to perform cDNA synthesis and probe based qPCR in a single tube.

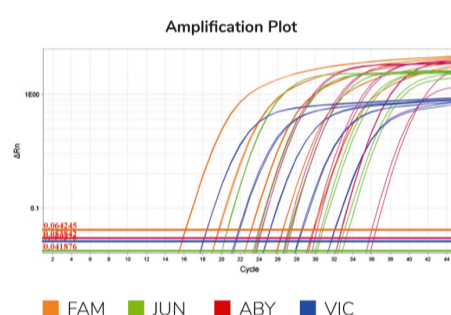
Reagent composition is optimized for excellent performance in highly multiplexed reactions while making sure you don't lose in sensitivity compared to singleplex or duplex assays.

Applications

Detection and quantification of RNA targets with qPCR

DNA/LNA hydrolysis probe based assays

Suitable for singleplex and multiplex reactions



Excellent for 4-plex assays

Properties

Sample type: RNA

Product format: Reagent kit

Detection type: Probe-based

Reference dye: Purple

Compatible real-time instruments: 7500 Fast Real-Time PCR System, 7500 Real-Time PCR System, ViiA™ 7 PCR System, and QuantStudio™ 6 Flex, 7 Flex, and 12K Flex Real-Time PCR systems.

Reagents

5x One-step Multiplex Probe Mix (Purple) with HOT FIREPol® DNA polymerase, reaction buffer, dNTPs including dUTP), 15 mM MgCl₂ (1x qPCR solution - 3 mM MgCl₂), Purple dye (If Cy5 dye is used as one of the fluorophores, internal passive reference dye might interfere with the signal. A version without passive reference or with ROX reference dye is available)

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

Water, nuclease free

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