

# 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

## 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	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.

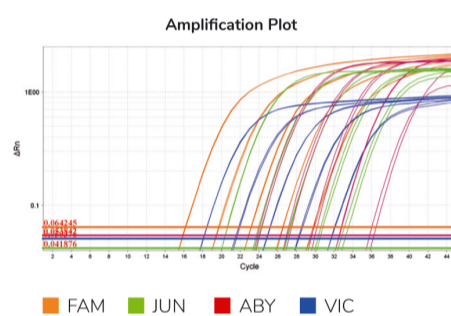
Reagent composition is optimized for excellent performance in highly multiplexed reactions while making sure you don't lose in sensitivity compared to singleplex or duplex assays.

## 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:** none

**Compatible real-time instruments:** The kit is compatible with qPCR cyclers that do not require an internal reference dye (e.g. ROX) for normalization of fluorescent signal.

## Reagents

**5x One-step Multiplex Probe Mix** with HOT FIREPol® DNA polymerase, reaction buffer, dNTPs including dUTP, 15 mM MgCl<sub>2</sub> (1x qPCR solution - 3 mM MgCl<sub>2</sub>)

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

**Water**, nuclease free

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