

# SOLIScript® 1-step Probe Kit

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



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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
- suitable for singleplex and duplex assays
- reaction set-up and shipment without ice
- high specificity and sensitivity
- one kit for all cyclers
- RNase inhibitor included in 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® Mix | 1    | 250 rxn   125 µl |
| 5x One-step Probe Mix        | 1    | 250 rxn   1 ml   |
| Water, nuclease free         | 1    | 5 ml             |

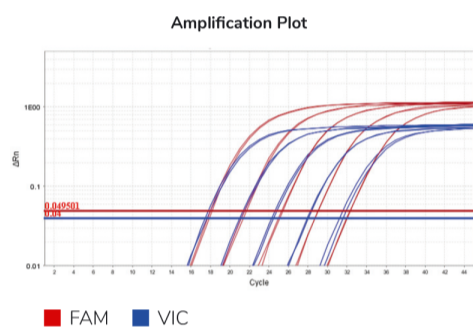
## Description

SOLIScript® 1-step 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

## Applications

Detection and quantification of RNA targets with qPCR  
DNA/LNA hydrolysis probe based assay  
Suitable for singleplex or duplex reactions



Excellent quantification in duplex assays

## Properties

**Sample type:** RNA

**Product format:** Reagent kit

**No of tubes:** three tubes

**Detection type:** Probe-based

**Reference dye:** reference dye based on ROX

**Compatible real-time instruments:** The Kit is compatible with most qPCR cyclers that do or do not require an internal reference dye (e.g. ROX) for normalization of fluorescent signal. [Check Your cycler!](#)

## Reagents

**5x One-step Multiplex Probe Mix (ROX)** 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>), internal reference based on ROX dye

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

**Water,** nuclease free

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