

Certificate of Analysis

SOLIScript® 1-step Probe Kit

Cat. No.

Lot. No.

Dispense No.

Expiry date

Kit Components:

1. 40x One-step SOLIScript® Mix, including:
 - SOLIScript® Reverse Transcriptase
 - RiboGrip™ RNase Inhibitor
2. 5x One-step Probe Mix, including:
 - HOT FIREPol® DNA polymerase
 - Reaction buffer
 - dNTPs
 - 15 mM MgCl₂ (1x solution - 3 mM)
 - Internal reference based on ROX dye
3. Water, nuclease free

Shipping: at room temperature

Storage conditions: at -20°C until Expiry Date, at +4°C up to 6 months, at room temperature (15–25°C) up to 1 month.

Freeze-thaw stability: 30 cycles

Manufactured by Solis BioDyne in compliance with the ISO 9001 and ISO 13485 certified Quality Management System.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Quality Control Assays:

40x One-step SOLIScript® Mix:

Assay	Result
Functional testing via one-step RT-qPCR	passed
One-step RT-qPCR reproducibility	passed
DNA and RNA contamination	passed

SOLIScript® Reverse Transcriptase:

Assay	Result
Functional testing via first strand cDNA synthesis	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed

RiboGrip™ RNase Inhibitor:

Assay	Result
Inhibition of ribonuclease A	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed

5x One-step Probe Mix:

Assay	Result
Functional testing via one-step RT-qPCR	passed
One-step RT-qPCR reproducibility	passed
DNA and RNA contamination	passed

HOT FIREPol® DNA Polymerase:

Assay	Result
Functional testing via PCR	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed
Self-priming activity	passed

Water, nuclease free

Assay	Result
DNase/RNase/Nuclease-free	passed
DNA contamination	passed

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Revised 29.09.2020

APPROVED BY: