

# Certificate of Analysis

## SOLIScript® 1-step Multiplex Probe Kit (Purple)

**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 Multiplex Probe Mix (Purple), including:
  - HOT FIREPol® DNA polymerase
  - Reaction buffer
  - dNTPs (including dUTP)
  - 15 mM MgCl<sub>2</sub> (1x solution - 3 mM)
  - Purple internal reference 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 Multiplex Probe Mix (Purple):

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

COA-08-61 v3  
Revised 29.09.2020

**APPROVED BY:**