

Certificate of Analysis

SOLIScript® Fast 1-step RT-qPCR Mix with UNG

Cat. No.

Lot No.

Kit Lot No.

Expiry Date

Kit components:

- 4x SOLIScript® Fast 1-step RT-qPCR Mix with UNG
- Water, nuclease free

Mix composition:

- SOLIScript® Reverse Transcriptase
- RiboGrip™ RNase Inhibitor
- HOT SolisFAST® DNA polymerase
- Salini UNG™ Uracil-N-Glycosylase
- a unique reaction buffer with dNTPs (including dUTPs)
- 22 mM MgCl₂ (1x RT-qPCR solution – 5.5 mM)
- additives to maximize PCR efficiency

Shipping: at room temperature

Storage and stability*: Routine storage at -20°C (-18°C to -28°C) until Expiry Date. Shipping and temporary storage for up to 1 month at 25°C or up to 3 months at 4°C (2°C to 8°C) has no detrimental effects on the quality of the product.

Freeze-thaw stability: 20 cycles

Safety precautions: Please refer to Safety Data Sheet for more information

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

Quality Control Assays:

4x SOLIScript® Fast 1-step RT-qPCR Mix with UNG:

Assay	Result
Functional testing via one-step RT-qPCR	passed
RT-qPCR repeatability	passed
Lot-to-Lot variability	passed
DNA and RNA contamination	passed

Water, nuclease free:

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

Note - Standard Quality Control Tests are performed for each individual component included in the product and meet the designated specifications.

**Product functionality is assessed using routine QC assays and QC criteria set forth in the Product Specification herein. Product stability is assessed using set QC stability criteria and is intended to provide guidelines for shipping and storage conditions only. Client or its designee shall be responsible for conducting all necessary stability and functionality testing applicable to their assay and/or QC criteria, and to comply with any applicable regulatory requirements or guidelines. Such stability testing shall include testing to validate the lead times for shipment, the shelf life of, and the product specifications applicable to shipment, storage and handling of the assay assembled and packed by the client*

COA-08-87 v1
Effective from 17.03.2023

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

APPROVED BY:

Product Quality Manager