

# Certificate of Analysis

## FIREScript® RT cDNA synthesis KIT

Cat. No.

Lot No.

Pack Lot No.

Expiry date

**Reagents provided:**

- **FIREScript® Reverse Transcriptase** (200 U/μl)
- **RiboGrip® RNase Inhibitor** (220 U/μl)
- **10x RT Reaction Buffer with DTT**  
500 mM Tris-HCl pH 8.3, 500 mM KCl, 30 mM MgCl<sub>2</sub>, 100 mM DTT
- **dNTP MIX** (20 mM of each)
- **Oligo (dT) Primer** (100 μM)
- **Random Primers** (100 μM)
- **Water, nuclease free**

**Shipping:** at ambient temperature

**Storage and stability\*:** at -20°C until Expiry Date. Shipping and temporary storage for up to 1 month at room temperature has no detrimental effects on the quality of the reagents.

**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.

*\*Product stability is assessed using routine QC assays and QC criteria set forth in the product specification and are intended to provide guidelines for shipping and storage conditions only. Customer or its designee shall be responsible for conducting all necessary stability 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 customer.*

**Quality Control Assays:**

**FIREScript® Reverse Transcriptase**

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

**RiboGrip® RNase Inhibitor**

Assay	Result
Protein purity assay (SDS-PAGE)	passed
Inhibition of ribonuclease A	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed
Application testing in 1-step RT-qPCR	passed

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

COA-06-15 v2

Revised: 13.12.2023

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

**APPROVED BY:**

*Head of Quality and Product Management*