

Certificate of Analysis

HOT FIREPol® Probe Universal qPCR Kit

Cat. No.

Lot No.

Pack Lot No.

Expiry date

Concentration: 5 x

Mix Composition:

- HOT FIREPol® DNA Polymerase
- 5x Probe Universal qPCR buffer
- 15 mM MgCl₂ (1x PCR solution – 3 mM)
- dNTPs, including dUTP
- Internal reference based on ROX dye

Reagents provided with the mix:

- 100% DMSO

Shipping: at ambient temperature.

Storage and stability*: Routine storage at -20°C until Expiry Date. Stable at +4°C for up to 6 months, at room temperature (15–25°C) for up to 1 month.

Freeze-thaw stability: 30 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:

HOT FIREPol® Probe Universal qPCR Mix:

Assay	Result
Amplification efficiency	passed
qPCR reproducibility	passed
DNA contamination (human gDNA)	passed

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

**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.*

COA-08-88 v1

Revised 17.01.2024

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

APPROVED BY:

Head of Quality and Product Management