



SOLIScript 1-step Multiplex Probe Kit (Purple)

Cat. No.

Lot. No.

Dispense No.

Expiry date

40x One-step SOLIScript Mix Composition:

- **SOLIScript Reverse Transcriptase**
- **RiboGrip RNase Inhibitor**

5x One-step Multiplex Probe Mix (Purple) Composition:

- **HOT FIREPol® DNA polymerase**
- **Reaction buffer**
- **dNTPs** (including dUTP)
- **15 mM MgCl₂** (1x qPCR solution - 3 mM MgCl₂)
- **Purple dye**

Shipping and Storage conditions:

Routine storage: -20°C

Shipping and temporary storage for up to 1 month at room temperature has no detrimental effects on the quality of SOLIScript 1-step Multiplex Probe Kit (Purple).

Quality Control for 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

Quality Control for SOLIScript RT:

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

Quality Control for RiboGrip RNase Inhibitor:

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

Quality Control for 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

Quality Control for HOT FIREPol® DNA Polymerase:

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

FOR RESEARCH USE ONLY

APPROVED BY:
