Qscript lyo 1-step


FEATURES AND BENEFITS:

- **Lyophilized Single Tube Format** – Easy-to-use, reduces cross-contamination
- **High Sensitivity & Specificity** – Detect as low as 0.5 pg RNA
- **Wide Dynamic Range** – 0.5 – 500 pg RNA
- **Superior Multiplexing** – Plex up to 5 targets per reaction
- **Eliminate Freezer Storage** – up to 9 months stability room temperature

DESCRIPTION:

Qscript lyo 1-step is a lyophilized single-reaction reagent optimized for highly sensitive and reproducible one-step RT-qPCR using hydrolysis probes. The reagent contains a hot-start thermo-stable polymerase, a genetically engineered reverse transcriptase as well as other components to ensure higher performance detection of up to 5 targets with maximum sensitivity and specificity. The enhanced stability of the freeze-dried master mix enables convenient shipping and storage at room temperature. The single tube reaction facilitates easy reaction set up while preventing potential cross-contamination.

Convenient setup

1. Lyophilized master mix & buffer
2. Add RNA, primers/probes (H₂O optional)
3. **Single tube**

   No master mix/buffer transfer. Never cross-contaminate.

Figure 1 Just add RNA, primers and probes.
Better sensitivity enables greater detection

Qscript lyo 1-step: PCR Efficiency = 92.74%
Company A: PCR Efficiency = 79.35%

High performance across a range of inputs

PCR Efficiency = 95.3%
R²: 0.995

Multiplex up to 5 targets per assay

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ORDER INFO

Product Name
Qscript lyo 1-step - 24 R

Quantabio Catalog Number
95198-024

Size
24 rxns

Quantabio products are intended for molecular biology applications. The products are not intended for the diagnosis, prevention or treatment of a disease.

For more info visit: www.quantabio.com