

QuantASE Two-STEP RT-qPCR Reagent Kit

Enzymes and Reagents

PCR | qPCR | RT | Kits | Oligonucleotides

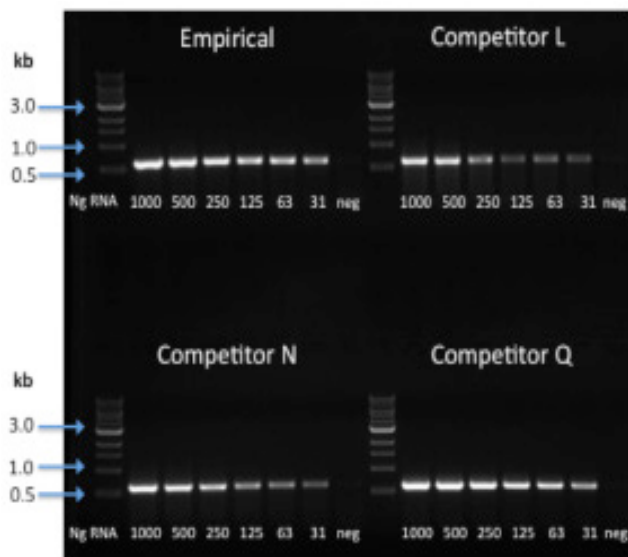
Performance

QuantASE Two-Step Reagent RT-qPCR Kits contains all the supplemental components necessary to perform first strand cDNA synthesis with high sensitivity and efficiency from any RNA sample using Two Step RT-qPCR protocols.

This kit is designed to be used in conjunction with Empirical RTSCRIPT Transcriptase Enzymes or the QuantiSCRIPT RT-qPCR kits.

Empirical's QuantASE™ and QuantASE PLUS Universal RT-qPCR Kit solutions offer sensitivity and specificity and are capable of synthesizing highly structured and long cDNA fragments. Produced cDNA is appropriate for qPCR analysis.

The QuantASE Universal RT-qPCR Kits contain the reagents necessary to support most available equipment and protocols.



Empirical's RTScript™ cDNA Enzyme is highly sensitive. RTScript™ was compared to the RT kits of leading competitors with decreasing human RNA template. Synthesized cDNA was amplified using a β -actin primer set.

Features:

Robust Performance

- Higher cDNA yields than some leading competitors.

High Sensitivity

- Efficient synthesis of cDNA from low-abundance RNA transcripts.

Increased Specificity

- Deactivated RNase activity and increased thermal stability.

Versatile Performance

- Effective synthesis of cDNA from 100bp up to 10kb in length.

Item Number	Reactions
QS-SR-100	100

Reaction Volume: 20uL

Empirical QuantiSCRIPT Two-Step Reagent Kit contains:

- 5X RTScript™ Buffer
- dNTP Mix (10mM)
- DTT Stock Solution (100mM)
- Oligo-(dT)20 primer (100 μ M)
- Random Hexamers (100 μ M)
- RNase Inhibiter (40 units/ μ L)
- Positive Control RNA (10ng/ μ L)
- RNase-free Water

Related Products:

- QuantASE RT-qPCR Kit
- QuantASE Plus RT-qPCR Kit
- InhibiTAQ qPCR Mastermix
- RTSCRIPT MML-V Reverse Transcriptase
- Taq DNA Polymerase
- FlashTAQ Hotstart DNA Polymerase
- Integrity High Fidelity 5X DNA Polymerase
- PFU 50 High Fidelity 50X DNA Polymerase



TO ORDER, REQUEST SAMPLES OR FOR MORE INFORMATION, CONTACT:

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