

AMPLIFYME

Probe One-Step Universal RT-qPCR Mix

CERTIFICATE OF ANALYSIS

#AM09 *AMPLIFYME* Probe One-Step Universal RT-qPCR Mix
Quantity: 100 reactions, 500 reactions, 10 reactions
Components: 2x *AMPLIFYME* Probe RT-qPCR Mix, LOT: BCM835675
50x High ROX solution, LOT: BBS835675
50x Low ROX solution, LOT: BBR835675
RNase Inhibitor, LOT: BCF835675
Reverse Transcriptase, LOT: BCE835675
Nuclease-free water, LOT: BCW835675

Lot Number: BDZ835675

Expiry Date: 07.2020

Store at: -20°C

Shipping conditions: Shipping on dry or blue ice.

Specification: The *AMPLIFYME* Probe One-Step Universal RT-qPCR Mix is a convenient reaction mixture for fast and reliable quantitative Real-Time PCR using probes, including TaqMan®, Scorpions® and molecular beacon probes. It was created for reproducible and efficient first-strand cDNA synthesis and subsequent Real-Time PCR in a single tube. It is the best choice for your probe based Real-Time PCR assays, including singleplex and multiplex gene expression studies. Ready-to-use, 2x concentrated Mix contains all ingredients necessary for Real-Time PCR based on probe detection technology: hot-start Taq polymerase, dNTPs, specially developed buffer, stabilizers and enhancers. Additionally, Mu-MLV Reverse Transcriptase and RNase Inhibitor are included in separate tubes. The use of high-affinity antibody for hot-start polymerase ensures higher specificity, by reducing formation of primer-dimer structures. It allows to obtain greater dynamic range by removing competition for reaction reagents, it also leads to higher sensitivity and reproducibility.

QUALITY CONTROL

The *AMPLIFYME* Probe One-Step Universal RT-qPCR Mix is extensively tested for its performance in different RT-qPCR assays. Free of nuclease contamination. Free of DNA contamination.

Quality authorized by: Justyna Leibner-Ciszak

Date: 28.01.2020

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PRODUCT USE LIMITATION

This product of Blirt S.A. has been developed for research purposes only and it is not suitable for human and animal therapeutic or diagnostic use.

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