

AMPLIFYME

Probe Universal Mix

CERTIFICATE OF ANALYSIS

Product	AMPLIFYME Probe Universal Mix
Components:	AMPLIFYME Probe Universal Mix, LOT: 816572, EXP. DATE: 11.2018 50x High ROX solution, LOT: 625773, EXP. DATE: 02.2019 50x Low ROX solution, LOT: 625773, EXP. DATE: 02.2019 PCR-grade water, LOT: 826572, EXP. DATE: 11.2018
Store at:	-20 ⁰ C
Shipping conditions:	Shipping on dry or blue ice
Specification:	The AMPLIFYME Probe Universal Mix is a convenient enzyme mixture for fast and reliable quantitative Real-Time PCR using probes, including TaqMan [®] , Scorpions [®] and molecular beacon probes. It is the best choice for your probe based Real-Time PCR assays, including singleplex and multiplex gene expression studies, genotyping experiments or diagnostic analysis. Ready-to-use, 2x concentrated Master Mix contains <i>TaqNovaHS</i> polymerase which is a mixture of recombinant <i>Taq</i> polymerase over-expressed in <i>E. coli</i> and a highly specific monoclonal anti-Taq antibody. The <i>TaqNovaHS</i> polymerase enables easy set-up of a hot-start PCR reaction at room temperature. The antibody binds reversibly to the enzyme, inhibiting polymerase activity at ambient temperatures, what prevents extension of non-specifically annealed primers and primer-dimers formed at low temperatures during PCR set-up. The antibody is released from the polymerase during initial DNA denaturation step, thus providing full DNA polymerase activity during standard cycling conditions.

QUALITY CONTROL

The AMPLIFYME Probe Universal Mix is extensively tested for its performance in different Real-Time PCR assays. Free of deoxyribonuclease contamination.

Quality authorized by: Justyna Leibner-Ciszak

Date: 20.04.2018

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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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