

# AMPLIFYME

## Probe No-ROX Mix

### CERTIFICATE OF ANALYSIS

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#AM04-S	AMPLIFYME Probe No-ROX Mix
Quantity:	20 reactions
Components:	2x AMPLIFYME Probe Mix, 1 x 200 µl, LOT: 816572 PCR-grade water, 1 x 300 µl, LOT: 826572
Lot Number:	786373
Expiry Date:	11.2019
Store at:	Long-term storage: -20°C, after thawing store at 2-8°C for up to 2 months
Shipping conditions:	Shipping on dry or blue ice
Specification:	The AMPLIFYME Probe No-ROX Mix is a convenient enzyme mixture for fast and reliable quantitative Real-Time PCR using probes. 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

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The AMPLIFYME Probe No-ROX Mix is extensively tested for its performance in different Real-Time PCR assays. Free of deoxyribonuclease contamination.

Quality authorized by: Justyna Leibner-Ciszak                      Date: 22.08.2018

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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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