

# AMPLIFYME

## SG No-ROX Mix

### CERTIFICATE OF ANALYSIS

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#AM01-020	AMPLIFYME SG No-ROX Mix
Quantity:	200 reactions
Components:	AMPLIFYME SG Mix, 2 x 1 ml LOT: AAM695774 PCR-grade water, 2x 1 ml LOT: AAW765873
Lot Number:	AAZ835874
Expiry Date:	03.2021
Store at:	Long-term storage: -20°C, after thawing store at 2-8°C for up to 1 month. AMPLIFYME SG Mix should be kept in dark.
Shipping conditions:	Shipping on dry or blue ice
Specification:	The AMPLIFYME SG No-ROX Mix is a convenient enzyme mixture for fast and reliable quantitative Real-Time PCR, using intercalating dsDNA-binding dye. 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- <i>Taq</i> 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** SG 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: 28.03.2019

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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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