

# AMPLIFYME

## SG No-ROX Mix

### CERTIFICATE OF ANALYSIS

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<b>#AM01-200</b>	<i>AMPLIFYME</i> SG NO-ROX Mix
<b>Quantity:</b>	2000 reactions
<b>Components:</b>	<i>AMPLIFYME</i> SG Mix, 20 x 1 ml LOT: 796672 PCR-grade water, 20 x 1 ml LOT: 826572
<b>Lot Number:</b>	726373
<b>Expiry Date:</b>	12.2019
<b>Store at:</b>	Long-term storage: -20°C, after thawing store at 2-8°C for up to 1 month.
<b>Shipping conditions:</b>	Shipping on dry or blue ice
<b>Specification:</b>	The <i>AMPLIFYME</i> 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-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* 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: 17.08.2018

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