

AMPLIFYME

SG Universal Mix

CERTIFICATE OF ANALYSIS

#AM02-200	<i>AMPLIFYME</i> SG Universal Mix
Quantity:	2000 reactions
Components:	<i>AMPLIFYME</i> SG Universal Mix, 20 x 1 ml LOT: AAM695774 50x High ROX solution, 1 x 800 µl, LOT: 625773 50x Low ROX solution, 1 x 800 µl, LOT: 625773 PCR-grade water, 20 x 1 ml LOT: AAW765873
Lot Number:	ABZ835874
Expiry Date:	03.2021
Store at:	Long-term storage: -20°C, after thawing store at 2-8°C for up to 1 month. <i>AMPLIFYME</i> SG Mix and ROX-solutions should be kept in dark.
Shipping conditions:	Shipping on dry or blue ice
Specification:	The <i>AMPLIFYME</i> SG Universal 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

The *AMPLIFYME* SG 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: 28.03.2019

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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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