

# AMPLIFYME™ Real-Time PCR Mixes

## UNIQUE BENEFITS

ALL REAGENTS ALIQUOTED

PCR GRADE WATER INCLUDED

## The most flexible Real-Time PCR Mixes

**Specially designed kits for fast, reproducible and sensitive DNA amplification in Real-Time PCR reaction.** Ready-to-use Real-Time PCR master mixes containing *TaqNovaHS* polymerase with specific monoclonal antibody. Specially optimized buffers provide high efficiency and quick results.



### SPEED

Enables results within 30 minutes with fast protocols and high productivity



### SPECIFICITY

Reduces primer dimerization by utilizing hot-start Taq polymerase with highly specific monoclonal antibody



### REPRODUCIBILITY

Consistent, reproducible results



### SENSITIVITY

Amplifies low copy targets with high fidelity



**Biolab Innovative  
Research Technologies**

[www.blirt.eu](http://www.blirt.eu)

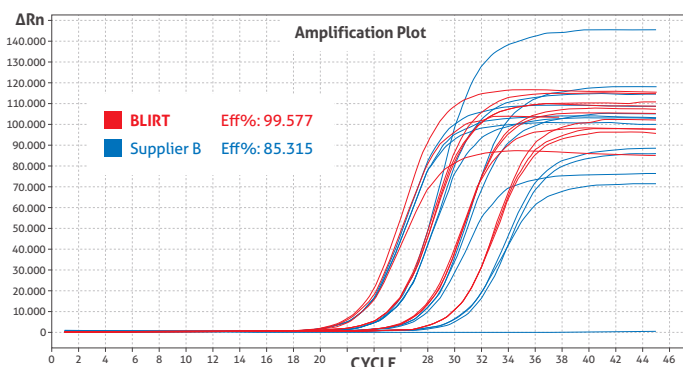
**BLIRT S.A.** | Trzy Lipy 3/1.38 | 80-172 Gdańsk | Poland  
T: +48 58 739 61 50 | F: +48 58 739 61 51 | [orders@blirt.eu](mailto:orders@blirt.eu)

# AMPLIFYME™

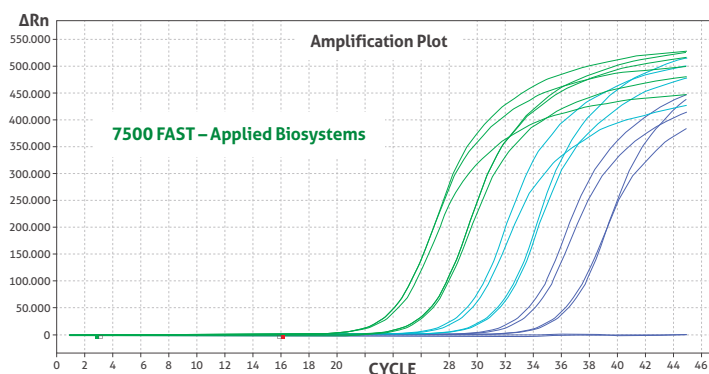
## TECHNICAL DATA



### High reproducibility & high efficiency



### High sensitivity



Quantitation of 1 to 1 million copies of amplified DNA.

## AVAILABLE

AMPLIFYME SG No-ROX MIX / AM01

AMPLIFYME Probe Mix No-Rox Mix / AM04

AMPLIFYME SG Universal Mix / AM02

AMPLIFYME Probe Universal Mix / AM05

AMPLIFYME Mixes are universal and provide comparable results in different Real-Time PCR Machines.

## Real-time PCR Instrument Compatibility

Instrument	ROX reference dye	AM01	AM02	AM04	AM05
Applied Biosystems™ 5700, 7000, 7300, 7700, 7900, 7900HT, 7900HT Fast, StepOne™ and StepOne™ Plus	50x High ROX solution 0.4 µl / 20 µl rxn		✓		✓
Applied Biosystems™ 7500, 7500 Fast, ViiA7™, QuantStudio™ 12k Flex, Agilent MX3000P®, MX3005P®, MX4000P® and Fluidigm BioMark™	50x Low ROX solution 0.4 µl / 20 µl rxn		✓		✓
Qiagen Rotor-Gene™ instruments, Bio-Rad® Opticon™, Opticon™ instruments, Chromo 4™, CFX96™, CFX384™, Eppendorf Mastercycler® instruments, Cepheid® SmartCycler®, Roche LightCycler® 480, 96, Nano, 1.5/2.0*, Illumina® Eco™, Thermo Piko Real®, TaKaRa Thermal Cycler Dice®, Techne® Quantica®, Analytik Jena qTOWER, PrimeQ and ITS International MyGo®	without ROX dye	✓	✓	✓	✓

\* For glass capillaries, non-acetylated BSA should be added to the mixture to the final concentration of 250 ng/µl



Biolab Innovative  
Research Technologies

BLIRT S.A. | Trzy Lipy 3/1.38 | 80-172 Gdańsk | Poland  
T: +48 58 739 61 50 | F: +48 58 739 61 51 | orders@blirt.eu