

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

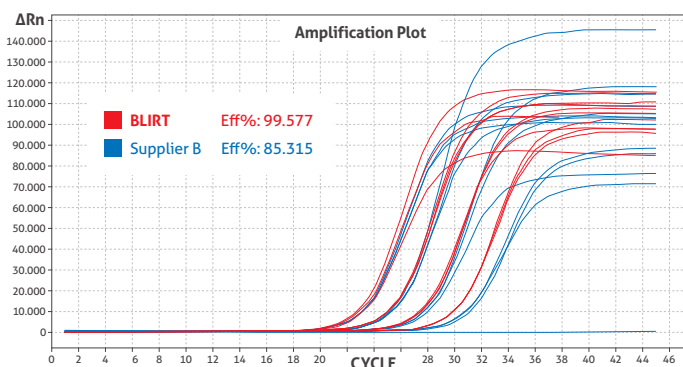
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AMPLIFYME™

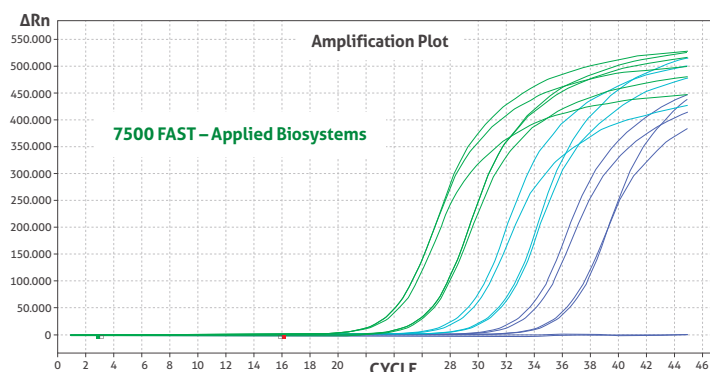
TECHNICAL DATA



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



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