

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

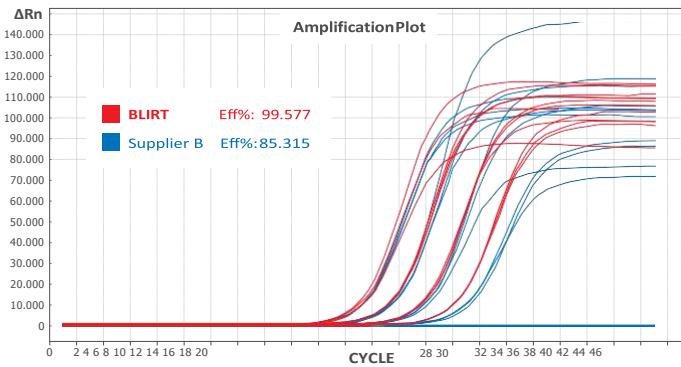
Amplifies low copy targets with high fidelity

AMPLIFYME™

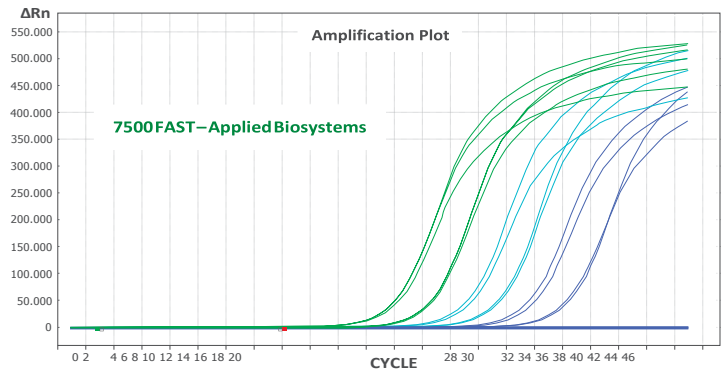
TECHNICAL DATA



High reproducibility & high efficiency



High sensitivity



Quantitation of 1 to 1 million copies of amplified DNA.

AVAILABLE

AMPLIFYME SYBR No-ROX MIX / AM01

AMPLIFYME Probe Mix No-Rox Mix / AM04

AMPLIFYME SYBR 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



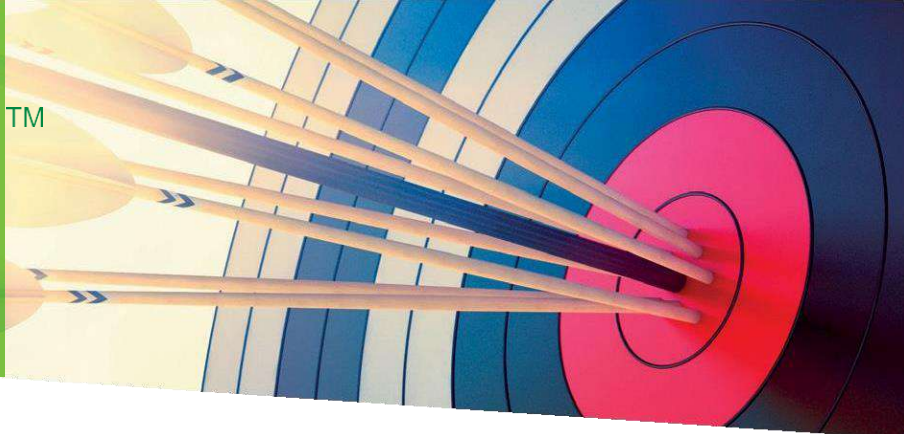
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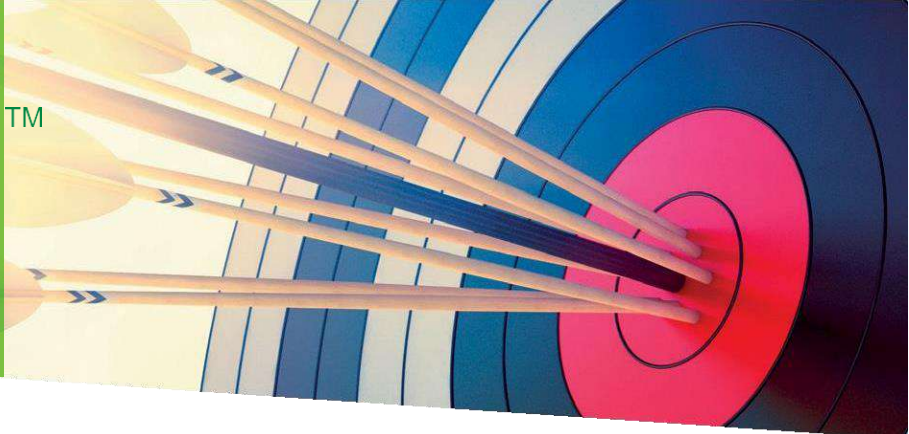
T: +34 93 446 47 00 | pedidos@labclinics.com



REVERSE TRANSCRIPTION

Product Name	Description	Cat. No.	Size	Price
TRANSCRIPTME RNA KIT cDNA synthesis kit	10 pg - 5 µg of total RNA; optimal reaction temp. 50°C; contains Enzyme Mix (reverse transcriptase and RNA Inhibitor); 2x Master Mix (oligo(dT), primers, random hexamers, dNTPs, MgCl ₂) and Rnase H.	RT31-020	20 preps	105,61 €
		RT31-100	100 preps	420,61 €
TRANSCRIPTME M-MuLV Reverse Transcriptase	Modified M-MuLV Reverse Transcriptase; 10 pg - 5 µg of total RNA; concentration 200 U/µl; has increased thermal stability (optimum activity at 50°C); has no 3'-5' exonuclease or Rnase H activity, which improves the synthesis of a full-length cDNA, even from long mRNA templates, using random priming; gives high yields of first strand cDNA up to 10 kb long	RT32-010	10.000 U (200 U/µl)	95,45 €
		RT32-050	50.000 U (200 U/µl)	385,91 €
RNase H	Recombinant enzyme, which hydrolyses specifically the phosphodiester bonds of RNA hybridized to DNA; it is a key enzyme in the removal of mRNA after first-strand cDNA synthesis.	RT34-025	250U (5 U/µl)	71,25 €
		RT34-125	1250 U (5 U/µl)	287,45 €
RIBOPROTECT Hu RNase Inhibitor	Recombinant human placental Rnase Inhibitor expressed in E.coli strain.	RT35-020	2.000 U (40 U/µl)	47,73 €
		RT35-100	10.000 U (40 U/µl)	170,45 €
RIBOPROTECT Hu-Mut Rnase Inhibitor	Mutated version of human placental RNase inhibitor that has significantly improved resistance to oxidation.	RT36-020	2.000 U (40 U/µl)	57,27 €
		RT36-100	10.000 U (40 U/µl)	211,36 €

Valid until **28/06/2019**. VAT not included. This offer cannot be combined with other promotions. For other formats, check prices. Promo code: **RT-LC-BLIRT**



REAL-TIME PCR MASTER MIXES

Product Name	Description	Cat. No.	Size	Price
AMPLIFYME SYBR No-ROX Mix	The AMPLIFYME SYBR Mix is a convenient enzyme mixture for fast and reliable quantitative Real-Time PCR, using SYBR® Green dsDNA-binding dye. Compatible with qPCR instruments that do not need ROX dye.	AM01-020	200 rxns	64,09 €
		AM01-200	2000 rxns	407,73 €
AMPLIFYME SYBR Universal Mix	The AMPLIFYME SYBR Mix is a convenient enzyme mixture for fast and reliable quantitative Real-Time PCR, using SYBR® Green dsDNA-binding dye. Universal - compatible with all types of qPCR instruments. Additional tubes with low and high concentration of ROX are included.	AM02-020	200 rxns	66,82 €
		AM02-200	2000 rxns	430,91 €
AMPLIFYME Probe No-ROX Mix	Convenient enzyme mixture for fast and reliable qPCR using probes, including TaqMan®, Scorpions® and molecular beacons probes. It is the best choice for your probe based Real-Time PCR assays, including singleplex and multiplex gene expression studies, genotyping experiments or diagnostic assays. Compatible with qPCR instruments that don't need ROX dye.	AM04-020	200 rxns	60,00 €
		AM04-200	2000 rxns	383,18 €
AMPLIFYME Probe Universal Mix	Convenient enzyme mixture for fast and reliable qPCR using probes, including TaqMan®, Scorpions® and molecular beacons probes. It is the best choice for your probe based Real-Time PCR assays, including singleplex and multiplex gene expression studies, genotyping experiments or diagnostic assays. Universal - compatible with all types of qPCR instruments. Additional tubes with low and high concentration of ROX are included.	AM05-020	200 rxns	62,73 €
		AM05-200	2000 rxns	405,00 €

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