

WINTER IS COMING!

Time to gather your lab supplies!

Please reference
MSCAUTWIN2017
to avail of offers.

Valid until 21/12/2017



- **New PhD:** Discounts off leading brands for new PhD students
- **New PhD Discounts** on leading brands for new PhD students
- **Big Bioline bonanza savings**



A Meridian Life Science® Company

15% Off Bioline Products

INCLUDES:

PCR Enzymes & Mixes | Real-Time PCR Kits
Nucleotides | RNA Analysis | Nucleic Acid Isolation
Cloning | Ladders | Core Reagents



5% Discount
Over 20 000 ELISAs
available for over 9
different species



The Transfection Experts

15% Off Mirus Transfection Reagents

INCLUDES:

Transfection reagents, electroporation reagents
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Clontech Takara cellartis

10% Off Clontech Reagents

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Next Generation Sequencing, Lentiviral and
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5% Off Biolegend

INCLUDES:

ELISA, Flow Cytometry Antibodies,
Multiplex Assays, Recombinant Proteins



5% Off Molecutools

INCLUDES:

Luciferase assays, Caspase Assays,
Cytotoxicity Assays, Viability Assays,
Autophagy Assays, ELISA

Not to be used in conjunction with any other offers. Terms and Conditions Apply.

Sign-up to receive you PhD discount voucher here: <http://goo.gl/Pg7WCV>

Win an iPad by putting SensiFAST* to the test

The SensiFAST™ Challenge



€5 Coffee Voucher

Compare SensiFAST™ Kits from Bioline against your your current qPCR mix, on your lab's DNA or RNA templates and send us your results for automatic entry.

The winner will receive an iPad. All entrants will be eligible for a €5 coffee voucher and a 50% discount off your first order of SensiFAST.

To enter please fill out "The SensiFAST Challenge" Competition Entry Form - available from info@medical-supply.ie

Winner will be chosen at random and announced on the www.medical-supply.ie on the 28th February 2018. GOOD LUCK!

Your local distributor:



Medical Supply Company Ltd
T: 01 822 4222
F: 01 822 4100
E: info@medical-supply.ie
W: www.medical-supply.ie

SensiFAST™ Real-Time PCR Kits

Highly Specific

Minimal non-specific activity leading to better efficiency and greater accuracy

Ultra-Sensitive

Perfect for difficult and low copy number samples

Efficient Multiplexing

Increasing throughput and conserving precious sample material

Fast

Optimized for fast cycling conditions, ideal for high-throughput

*Includes any product from the SensiFAST family. Deadline to receive results 12th December. For more details, please refer to "The SensiFAST Challenge" Competition Entry Form. This is an Ireland only draw, pan-european entries will not be accepted.



A Meridian Life Science® Company

MYTAQ POLYMERASE – MYTAQ IS BETTER THAN YOUR TAQ

- New generation of antibody based hot-start polymerase
- Highest specificity and performance
- Novel buffer system, including ultra-pure dNTPs and MgCl₂

3-4-2

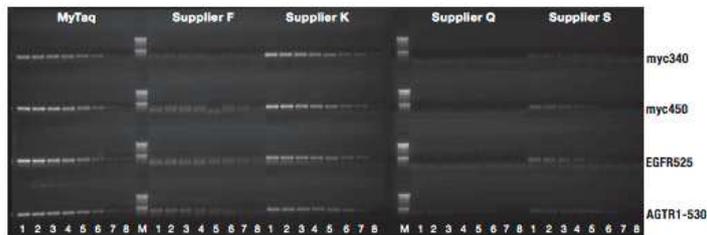


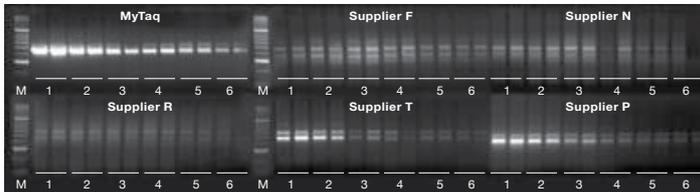
Fig. 3 Fast amplification was carried out on a range of human genomic targets
 A 340 bp (A) and a 450 bp (B) fragment of the myc gene, a 525 bp (C) fragment of the EGFR gene and a 530 bp (D) fragment of the AGTR1 gene was amplified using MyTaq HS polymerase and the results were compared with PCR reactions using hot-start DNA polymerases from other suppliers. A 3-fold serial dilution of human genomic DNA (100 ng - 3 pg, lanes 1-8 respectively) (HyperLadder 1kb (M)) was incubated for 3 min at 95 °C followed by 35 cycles of 95 °C for 15s, 55 °C for 15s and 72 °C for 15s. MyTaq has performed well across all four human genes.

Code	Product	List Price €	3-4-2 Offer Price €
BIO-21112X3	MyTaq DNA Polymerase (1000 units)	€ 1518	€ 1012
BIO-21115X3	MyTaq RED DNA Polymerase (1000 units)	€ 1518	€ 1012

MYTAQ DNA AND MYTAQ MIX

- New generation of polymerase with superior performance.
- Novel buffer system includes dNTPs and MgCl₂
- Robust and high yields across a wide range of templates

3-4-2



Robust amplification of GC-rich human genomic DNA (61% GC content)
 MyTaq was compared with DNA polymerases from other suppliers for the amplification of a 450bp fragment of the human myc gene. Decreasing amounts of human genomic DNA were used as a template (1µg, 200ng, 100ng, 50ng, 25ng and 12.5ng; lanes 1-6 respectively) in the PCR. Marker is HyperLadder 1kb (M) (Cat No. BIO-33025). MyTaq delivers higher yield and sensitivity as compared with all five competing products.

Switch to MyTaq™ and get superior performance coupled with savings of up to €15/100u!

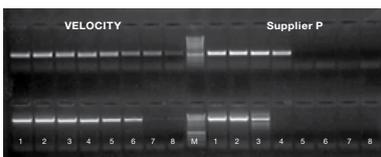
Code	Product	List Price €	3-4-2 Offer Price €
BIO-211101X3	MyTaq DNA Polymerase (100 units)	€ 114	€ 76
BIO-211105X3	MyTaq RED DNA Polymerase (500 units)	€ 342	€ 228
BIO-211128X3	MyTaq RED DNA Polymerase (100 units)	€ 114	€ 76
BIO-25043X3	MyTaq RED Mix, 2x (200 Reactions)	€ 405	€ 270

VELOCITY DNA POLYMERASE

- High fidelity DNA Polymerase
- High processivity
- Robust, requiring minimal optimization

Using Phusion polymerase

2-4-1



Amplification of human genomic DNA
 A 1 kb and B 1 kb fragment was amplified from 10ng, 2ng, 400pg, 80ng, 16pg, 3.2pg, 0.6pg and 0.1pg (lanes 1-8 respectively) of human genomic DNA using VELOCITY and supplier P. HyperLadder™ 1kb (M).

Then switch to VELOCITY and get similar performance at a lower price

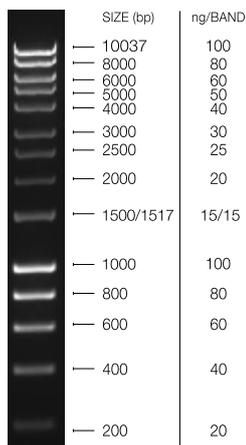
Code	Product	List Price €	2-4-1 Offer Price €
BIO-21098X3	VELOCITY DNA Polymerase (250 units)	€ 510	€ 255
BIO-21099X3	VELOCITY DNA Polymerase (500 units)	€ 1080	€ 540

BUY 2 GET 1 FREE ON BIOLINE DNA HyperLadders™

2-4-1

- Easy size determination
- Ready-to-use format
- Optional mass determination

HyperLadder™ 1kb



1% agarose gel
5µl per lane

Promo Code	Product	Promo Pack Size	2-4-1 Price €
BIO-33053x2	2 x HyperLadder 1kb	2 x 100 Lanes	61
BIO-33054x2	2 x HyperLadder 50bp	2 x 100 Lanes	90
BIO-33055x2	2 x HyperLadder 500bp	2 x 100 Lanes	82
BIO-33056x2	2 x HyperLadder 100bp	2 x 100 Lanes	89
BIO-33056x2	2 x HyperLadder 100bp	2 x 100 Lanes	89
BIO-33057x2	2 x HyperLadder 25bp	2 x 100 Lanes	90

AGAROSE

2-4-1

- Excellent clarity
- Strong gels at low concentrations
- DNase/RNase free

Promo Code	Product	Promo Pack Size	2-4-1 Price €
BIO-41025X2	Agarose, Molecular Grade	2 x 500g	314
BIO-41028X2	Agarose Tablets, DNase/RNase Free	2 x 150g	115

BUY 1 GET 1 FREE ON BIOLINE dNTPS

- Ultra-pure nucleotides
- Free from PCR inhibitors
- Long shelf life

Code	Product	List €	2-4-1 Price €
BIO-39025x2	2 x dNTP Set, 100mM	181	90
BIO-39044x2	2 x dNTP Mix, 10mM Final Conc.	67	34

AssayGenie Molecular Grade water - Buy 2 get 1 FREE



Features & Benefits

- PCR-Grade Molecular Water is RNase, DNase and DNA contamination free.
- Sterile and UV irradiated.
- Manufactured and tested for use as a component in PCR reactions.
- Validated for use with highly sensitive PCR reactions including those with eubacterial primer sets.

Product Code	Description	Pack Size	List Price	Special Price
BIO0001X3	PCR Grade Water (5 x 10ml) x 3	3 x (5 x 10ml)	156	104

Exceed the limit

2-4-1

NEW SensiFAST™ cDNA Synthesis Kit

New 30 minute, 1-step reverse transcription assay kit!

- Reproducible – Unique reverse transcriptase and new TransAmp™ buffer generate consistent rst-strand cDNA
- Broad dynamic range - ideal for dilute and low-copy samples
- Sensitive - real-time RT-PCR analysis from as little as 4pg of starting total RNA
- Unbiased cDNA synthesis - complete 5' to 3' RNA sequence representation
- Rapid - cDNA synthesis and real-time PCR in less than 60 minutes, ideal for high throughput applications

Code	Product	List Price €	2-4-1 Offer Price €
BIO-65053X2	SensiFAST cDNA Synthesis (50 Reactions)	€464	€232
BIO-65054X2	SensiFAST cDNA Synthesis (250 Reactions)	€2030	€1015

BUY 2 GET 1 FREE ON BIOLINE RNA ANALYSIS REGANTS

2-4-1

Code	Product	List Price €	2-4-1 Offer Price
BIO-65027X3	RiboSafe RNase Inhibitor (2500 units)	€384	€256
BIO-35028X3	RiboSafe RNase Inhibitor (10,000 units)	€951	€634
BIO-38028X3	Random Hexamer Primer (25ug)	€141	€94
BIO-38029X3	Oligo (dT) 18 (27ug)	€240	€160

STILL USING TRIZOL? - TRISURE

- Ready to use solution for isolation of premium quality total RNA
- Column free total RNA isolation, optimised for maximum RNA yield
- Suitable for a wide variety of cells and tissues

3-4-2

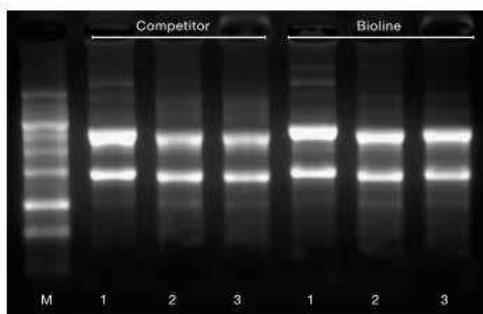


Fig. 2 High quality and yield of RNA extracted using TRISure.
 RNA extracted from 3T6 cells and mouse tissue, using TRISure and Competitor reagent.
 Lane 1: 4µg of total RNA from 3T6 cells
 Lane 2: 4µg of total RNA from mouse kidney tissue
 Lane 3: 4µg of total RNA from mouse liver tissue
 M: RNA Ladder

Code	Product	List Price €	3-4-2 Offer Price
BIO-38032X3	TriSure (100ml)	€612	€408
BIO-38032X3	TriSure (200ml)	€1110	€740

40% OFF BIOLINE ISOLATE !! DNA ISOLATION KITS

- Very fast protocols
- Very high purity
- Higher yield



40%
Discount

ISOLATE II DNA Purification Kits

- Outstanding yield and purity
- Latest silica membrane column technology
- Rapid extraction with easy-to-use protocols
- Ready for highly sensitive application

Code	Product	List Price €	Special Price €
BIO-52056SP	ISOLATE II Plasmid Mini Kit (50 preps)	€ 127.28	€ 76
BIO-52057SP	ISOLATE II Plasmid Mini Kit (250 preps)	€ 481.25	€ 228
BIO-52059SP	ISOLATE II PCR & Gel Kit (50 preps)	€ 140.72	€ 84
BIO-52060SP	ISOLATE II PCR & Gel Kit (250 preps)	€ 553.41	€ 330
BIO-52066SP	ISOLATE II Genomic DNA Kit (50 preps)	€ 217.45	€ 130
BIO-52067SP	ISOLATE II Genomic DNA Kit (250 preps)	€ 760.28	€ 455
BIO-52069SP	ISOLATE II Plant DNA Kit (50 preps)	€ 224.32	€ 135
BIO-52070SP	ISOLATE II Plant DNA Kit (250 preps)	€ 836.64	€ 500

ISOLATE II RNA/miRNA Purification Kits

- Outstanding yield and integrity (RIN)
- Latest silica membrane column technology
- Shredders and DNase included
- Fast, easy protocols without phenol

Code	Product	List Price €	Speical Price €
BIO-52072SP	ISOLATE II RNA Mini Kit (50 preps)	€ 316.34	€ 190
BIO-52073SP	ISOLATE II RNA Mini Kit (250 preps)	€ 1,332.44	€ 800
BIO-52075SP	ISOLATE II RNA Micro Kit (50 preps)	€ 442.73	€ 265
BIO-52077SP	ISOLATE II RNA Plant Kit (50 preps)	€ 359.01	€ 215
BIO-52083SP	ISOLATE II miRNA Kit (25 preps)	€ 381.36	€ 228
BIO-52084SP	ISOLATE II Plant miRNA Kit (25 preps)	€ 333.47	€ 200
BIO-52085SP	ISOLATE II RNA/DNA Protein Kit (50 preps)	€ 886.88	€ 532

EPIK™ miRNA assays do not rely on sequence-dependent probes or chemically modified primers, instead they use modified stem-loop miRNA specific oligonucleotide mediated reverse transcription and hemi-nested real-time PCR, using SeniSMART and SYBR Green to confer high sensitivity, specificity and speed, to the quantification of miRNAs.

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**40%
Discount**



Fig. 1. Overview of workflow, from RNA to results in two hours

EPIK miRNA ASSAYS

Each assay comprises three miRNA specific primers designed using proprietary thermodynamic based algorithms from MIRXES

RT: Conformational restricted RT primer efficiently hybridizes to mature but not precursor form of the target miRNA

Real-Time PCR: miRNA specific forward and nested reverse real-time PCR primers confer further specificity and enable robust amplification of the amplicon

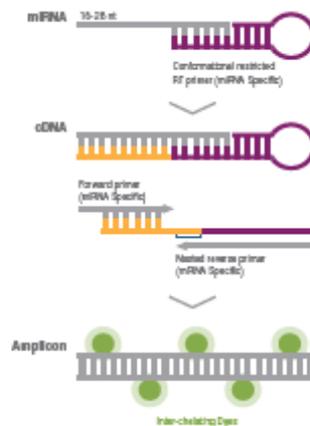


Fig. 2. EPIK™ miRNA assay workflow

- Increase sensitivity – RT and qPCR steps optimised to drive highly efficient amplification from limiting amounts (>1pg) of input sample
- Improved specificity – pre-designed, novel, miRNA-specific primers for superior discrimination of even very closely related targets
- Faster protocol – RNA to Ct in just 2 hours for earlier results and increased throughput capacity
- Reliable data – 7-log linear dynamic range for accurate quantification of low- and high-expressed targets in even limited sample volumes
- Convenience – all necessary components in the kit and formulated to minimise set-up time

Code	Product	List Price €	Special Price €
BIO-66045SP	EPIK™ miRNA Select Lo-ROX Kit (400 qPCR and 40 RT Reactions)	€ 900	€ 540
BIO-66046SP	EPIK™ miRNA Select Hi-ROX Kit (400 qPCR and 40 RT Reactions)	€ 900	€ 540