

***PCR with pyrophosphate!**

GENTAUR's Taq DNA Polymerase is completely inhibited by pyrophosphate at temperatures below 70°C. However, Taq DNA polymerase becomes fully active at temperatures above 70°C via pyrophosphate hydrolysis with a thermostable pyrophosphatase. This prevents the formation of misprimed products, as well as primer-dimers, during the reaction set up process resulting in improved specificity.

[K-2611 AccuPower® PyroHotStart Taq PCR PreMix, 0.2 ml thin-wall 8-strip tubes with attached cap, 20 ul reaction/tube, 96 tubes – 166 €](#)

[K-2612 AccuPower® PyroHotStart Taq PCR PreMix, 0.2 ml thin-wall 8-strip tubes with attached cap, 20 ul reaction/tube, 480 tubes – 398 €](#)

[K-2613 AccuPower® PyroHotStart Taq PCR PreMix, 0.2 ml thin-wall 8-strip tubes with attached cap, 50 ul reaction/tube, 96 tubes – 230 €](#)

[K-2614 AccuPower® PyroHotStart Taq PCR PreMix, 0.2 ml thin-wall 8-strip tubes with attached cap, 50 ul reaction/tube, 480 tubes – 695 €](#)

-For cDNA Synthesis, RT-PCR, and qRT-PCR

Features and Benefits

Optimized 5X buffer: For more full length fragments - within 10 minutes!

Full length cDNA: For genes up to 9 kb!

RNase, DNase and Proteinase-free: Ensures the integrity of your samples!

[E-3121 M-MLV Reverse Transcriptase, 10,000 U, 5 X Reaction Buffer, 0.5 mL, 100 mM DTT, 0.3 mL, 10mM dNTPs mixture solution 0.2ml – 128 €](#)

[E-3122 M-MLV Reverse Transcriptase, 50,000 U, 5 X Reaction Buffer, 2.5 mL, 100 mM DTT, 1.5 mL, 10mM dNTPs mixture solution 1ml – 323 €](#)

-For ligation of DNA, TA cloning and other recombinant DNA applications – T4 DNA Ligase

T4 DNA Ligase catalyzes the formation of a phosphodiester bond between 5' phosphate and 3' hydroxyl termini in duplex DNA or RNA. This enzyme will ligate DNA from blunt-end and cohesive-end termini (Including sticky ends for TA Cloning) as well as repair single stranded nicks in duplex DNA, RNA, or DNA/RNA hybrids.

[E-3061 T4 DNA Ligase, 20,000 U – 90 €](#)

[E-3062 T4 DNA Ligase, 100,000 U\(5 x 20,000 U\) – 210 €](#)

T7 RNA Polymerase

A DNA dependent RNA polymerase with a highly specificity for the initiation of transcription at T7 RNA polymerase promoters. It is widely used for the rapid synthesis in vitro of specific RNAs.

[E-3041 T7 RNA Polymerase, 2,000 U – 90 €](#)

[E-3042 T7 RNA Polymerase, 10,000 U\(5 x 2,000 U\) – 189 €](#)

***PCR Tubes and Plates**

[0-3111-52 "Semi-skirted" 96-Well PCR Plate for Real-Time PCR\(25 plates\) – 459 €](#)

Gentaur's Opaque White 96-well Semi-skirted PCR plate is made of polypropylene material, is especially designed for Real-Time PCR to measure fluorescence sensitively in result. Compatible with mostly available PCR instruments. Certified to be RNase and DNase free.

[3111-50 0.2 ml PCR Tube for Real-Time PCR \(250 Strips\) – 430 €](#)

0.2 ml opaque white 8-tube strip is made from polypropylene and is specially manufactured to ensure reproducible and sensitive results of Real-Time PCR. The tube strip is compatible with most popular PCR thermal cyclers and is certified free from RNase and DNase.

1000 Colorful or Natural Tubes for only 166 €

0.2 mL Flat Cap PCR Tube Individual PCR Tube with attached Caps Natural – 166 €

0.2 mL Flat Cap PCR Tube Individual PCR Tube with attached Caps Green – 166 €

0.2 mL Flat Cap PCR Tube Individual PCR Tube with attached Caps Orange – 166 €

0.2 mL Flat Cap PCR Tube Individual PCR Tube with attached Caps Red – 166 €

0.2 mL Flat Cap PCR Tube Individual PCR Tube with attached Caps Violet – 166 €

0.2 mL Flat Cap PCR Tube Individual PCR Tube with attached Caps Yellow – 166 €

0.2 mL Flat Cap PCR Tube Individual PCR Tube with attached Caps Blue – 166 €

***ExiProgen™ - DNA&RNA purification + coupled transcription/translation system for protein synthesis**

(More information here: <http://pcrtechnique.com/ExiProgen-overview.html>)

ExiProgen™ is a breakthrough in synthetic biology allowing for the synthesis and purification of one to 16 proteins per run.

DNA, in the form of plasmid or linear PCR product, is added to the system and Gentaur's coupled transcription/translation E. coli extract then synthesizes the protein.

The crude protein extract is further purified, using His-Tag engineered into the proteins.

The net result is up to 100ug of >90% pure Protein in about 6 hours.

ExiProgen™ can also purify Nucleic Acids from several sources, making it one of the most versatile systems available.

ONLY 12500 € (without VAT)!!!

***The BULLET BLENDER® - sonication alternative**

The easiest and coolest way to lyse cells and homogenize tissue.

The BULLET BLENDER® enables you to homogenize, disrupt, or lyse up to 24 tissue or cell culture samples at a time. Load the samples into standard polypropylene tubes, then place them in the BULLET BLENDER. The "bullets" in the instrument vigorously strike all of the tubes and homogenize your sample in minutes. The Bullet Blender is available with Air Cooling™ to preserve your sample quality!

The Bullet Blender is mentioned in over 150 publications!

BBY24M-CE Bullet Blender Storm. homogenizer - 3372 €

Our most powerful model! Perfect for tough samples such as mouse femur, tumor and skin. Faster homogenization. Up to 24 samples in snap cap microcentrifuge tubes. Air cooling

BBX24-CE Bullet Blender homogenizer – 2502 €

BBX24B-CE Bullet Blender homogenizer (Blue Model) – 2912 €

Our original Bullet Blender can homogenize up to 24 samples in microcentrifuge tubes. Ideal for samples up to 300mg. Available with air cooling (blue models).

BBX24W Bullet Blender for screw-cap microcentrifuge tubes – 2502 €

BBX24BW-CE Bullet Blender Blue for screw-cap microcentrifuge tubes – 2912 €

The Screw-Cap Bullet Blender can homogenize up to 24 samples in screw-cap microcentrifuge tubes. Ideal for samples up to 300mg. Also available with air cooling (blue models).

*Immunohistochemistry

Does xylene make you sick? You can easily get rid of it and actually improve your results:

HS-200-1GAL HISTOCLEAR – 95 €

HS-200-5GAL HISTOCLEAR – 299 €

Histo-Clear leaves tissue less hard and brittle than xylene, facilitating the cutting of thin sections and prolonging microtome blade life.

Formaldehyde?! No, thanks! We have better:

SL.FSOLV.05 F-SOLV10 – 75 €

F-solv10 contains no hazardous products and the obtained result is equal to better than a fixation with formaldehyde. (F-solv10 replaces the formaldehyde 4%). F-solv10 does not irritate eyes, throat and nose.

102164 REASTAIN Quick-Diff KIT – 150 €

REASTAIN Quick-Diff is an optimised colour and fixative composition for the differential staining of cellular elements in peripheral blood smears. Fast 3-minute staining procedure and ready-to-use solutions

See the lysosomes!

KA1330 Lysosome Cytotoxicity Dual Staining Kit – 329 €

This Kit provides a convenient tool for studying lysosome function at the cellular level. The kit employs a membrane permeable substance, which reacts with carboxylic acids in the acidic luminal environment of lysosomes, as a probe for the detection of lysosomes in cultured cells.

10-0001 Primary Antibody Diluent – 141 €

This product is intended for use with mouse and/or rabbit primary antibodies to dilute the antibody to a lower concentration.

10-0033 GVA Mounting Solution – 82 €

The Glycerol Vinyl Alcohol (GVA) Aqueous Mounting Solution is an aqueous, histologic mounting medium and is suitable for tissue specimens and cell smears for viewing by light or fluorescence microscopy.

10-0041 Mini PAP Pen – 109 €

10-0045 Super PAP Pen – 141 €

During IHC staining, it is necessary to wipe off the liquid around the sections to reduce dilution of the next reagent applied on the specimen. This is a time-consuming and tedious process. This drawback can be avoided when using PAP pen.

10-0048 Sensitive DAB Substrate Kit – 127 €

Intended for use during IHC staining procedures on tissue sections when HRP is used as the enzyme. Upon addition to the antibody-HRP complex, DAB forms a brown precipitate at the antigen location. The staining location and pattern is easily observable by light microscopy.

N-Histofine® Simple Stain MAX PO is a detection reagent designed specifically to allow immunohistochemical staining on formalin-fixed paraffin-embedded human tissue sections. It is the labeled polymer prepared by combining amino acid polymers with peroxidase (PO) and secondary antibody which is reduced to Fab' fragment. To eliminate background staining, solid-phase absorption of secondary antibody is carried out with human serum.

For Human Tissue Sections

414151F N-Histofine® Simple Stain MAX PO (MULTI) Slides: 170 Volume: 1x17ml – 280 €

414152F N-Histofine® Simple Stain MAX PO (MULTI) Slides: 500 Volume: 3x17ml – 345 €

414154F N-Histofine® Simple Stain MAX PO (MULTI) Slides: 1500 Volume: 9x17ml – 603 €

- 414131F [N-Histofine® Simple Stain MAX PO \(M\) Slides: 170 Volume: 1x17ml](#) – 280 €
- 414132F [N-Histofine® Simple Stain MAX PO \(M\) Slides: 500 Volume: 3x17ml](#) – 361 €
- 414134F [N- Histofine® Simple Stain MAX PO \(M\) Slides: 1500 Volume: 9x17ml](#) – 653 €
- 414141F [N-Histofine® Simple Stain MAX PO \(R\) Slides: 170 Volume: 1x17ml](#) – 280 €
- 414142F [N- Histofine® Simple Stain MAX PO \(R\) Slides: 500 Volume: 3x17ml](#) – 361 €
- 414144F [N-Histofine® Simple Stain MAX PO \(R\) Slides: 1500 Volume: 9x17ml](#) – 653 €
- 414161F [N-Histofine® Simple Stain MAX PO \(G\) Slides: 170 Volume: 1x17ml](#) – 280 €
- 414162F [N- Histofine® Simple Stain MAX PO \(G\) Slides: 500 Volume: 3x17ml](#) – 361 €

*Illuminators

Whole New designs! Tranilluminators are the first choice for analytical applications with cutting-edge construction for increased performance and efficiency.

UltraBright LED Transilluminator

The UltraBright LED Transilluminator is designed for viewing stained gels on the laboratory bench, or within gel documentation systems. Light from the LED source inside the instrument producing light with a narrow emission peak centered at approximately 470 nm, effective for the excitation of nucleic acid and protein stains such as EtBr, SYBR® Safe, SYBR Gold, SYBR® Green I & II, SYPRO® Ruby, SYPRO® Orange, Coomassie Fluor™ Orange stains, GelGreen, GelRed and Lumitein™ Protein Gel Stain

[LB-17N , LED transilluminator, Dual wavelengths, UltraBright and Uniform](#) – 711 €

[LB-17, LED transilluminator, Triple wavelengths, UltraBright and Uniform](#) – 737 €

[LB-16, UltraBright LED Transilluminator, 470nm](#) - 685 €

UltraSlim LED Illuminator

The UltraSlim LED illuminator is designed for viewing stained gels on the laboratory bench, or within gel documentation systems. The dimensions is only 210(W) x 210(D) x 30(H)mm. Lighting from the LED source inside the instrument produces blue light with a narrow emission peak centered at approximately 470 nm, which is more effective for the excitation of most nucleic acid and protein stains.

[SLB-01W, UltraSlim LED Illuminator, WHITE, 470nm, easy to cut gel](#) – 529 €

UltraBright UV Transilluminator

All Maestrogen UltraBright UV transilluminators carry a two year warranty. All UV transilluminators are equipped with a new-design UV blocking cover, adjustable to different angles for access to the work surface.

[MLB-21, UltraBright UV Transilluminator, 302nm/365nm, large viewing](#) - 744 €

*Pipettes

Accurate transfer! Sleek streamlined design! Non-slip ergonomic easy grip! Volume range of 0.1ul to 1000u

[AMSP-10 \(1-10ul\) Agile™ Single Channel Manual Pipettor](#) – 129 €

[AMSP-20 \(2-20ul\) Agile™ Single Channel Manual Pipettor](#) – 129 €

[AMSP-200 \(20-200ul\) Agile™ Single Channel Manual Pipettor](#) – 129 €

[AMSP-1000 \(100-1000ul\) Agile™ Single Channel Manual Pipettor](#) – 129 €

***DNA DYES**

31000 EvaGreen® dye, 20X in water – 278 €

EvaGreen® dye is a green fluorescent nucleic acid dye with features that make the dye useful for several applications including qPCR and DNA melt curve analysis, real-time monitoring of thermophilic helicase-dependent amplification (tHDA), routine solution DNA quantification and capillary gel electrophoresis

31003-1 Fast EvaGreen® qPCR Master Mix – 408 €

Fast EvaGreen® qPCR Master Mix is a PCR reagent suitable for qPCR using a fast cycling protocol

41005 GelGreen Nucleic Acid Stain, 10,000X in water – 180 €

41004 GelGreen™ Nucleic Acid Gel Stain, 10,000X in DMSO – 180 €

GelGreen™ is an ultra sensitive, stable and environmentally safe green fluorescent nucleic acid dye designed to stain either dsDNA, ssDNA or RNA in agarose gels.

41003 GelRed™ Nucleic Acid Gel Stain, 10,000X in water – 180 €

41002 GelRed™ Nucleic Acid Gel Stain, 10,000X in DMSO – 180 €

GelRed™ is an ultra sensitive, extremely stable and environmentally safe fluorescent nucleic acid dye designed to replace the highly toxic ethidium bromide

G108-G SafeGreen – 66 €

G108-W SafeWhite – 66 €

G108-R SafeRed – 66 €

G108-P SafeColour Pack (G+W+R) – 86 €

SafeView™ products represent a new and safe class of nucleic acid stains for the visualization of double-stranded DNA, single-stranded DNA, and RNA in agarose gels.

***OmniLyse®**

- ✓ Disposable, micro-scale mechanical device for ultra-rapid and efficient lysis of cells in less than 40 seconds;
- ✓ Requires no harsh chemicals or wash steps.
- ✓ Cost effective, customizable, rated for use in the field, and feature a simple 1-step protocol for ease of use.

Applications:

- Cell Development Research
- Infectious Disease Studies
- Proteomics Research
- Genomics Studies

OmniLyse 6 Preps – 129 €

OmniLyse, 24 preps – 285 €

OmniLyse, 48 preps – 456 €

***Protein Staining**

ISB1L InstantBlue - 149 €

Specially formulated for ultra-fast, sensitive and safe detection of proteins, staining takes minutes without the need to wash, fix, microwave or destain.

300-692-500 DyeHard Protein Staining solution - 500ml – 114 €

Available in blue, green and red colours, these protein stains can detect a minimum 1-3ng of protein per square millimetre of gel.

PS-106S Brilliant Coomassie Stain (5x concentrate) – 48 €

Specifically binds to proteins and only to a minor amount to the gel matrix, making a destaining step in most cases unnecessary. Does not contain methanol or acetic acid - non-toxic and odourless.

***Microbiology**

4600 GRAM STAIN Kit 4 x 250 ml. Flasks – 66 €

Colouring, fixating and decolouring solutions for bacterial classification according to gram stain

4606 ACETONE ETHANOL DECOLORANT 4 x 250 ml flasks – 64 €

Decolouring solution for bacterial classification according to gram stain

1083 LB AGAR (LENNOX) 500 grams – 69 €

nutritionally rich medium for the growth and maintenance of pure culture of recombinant strains of E. coli.

1118 ENDO AGAR BASE 500grams – 80 €

For the detection of coliforms and other enteric microorganisms in water, dairy products and food in general

1127 FECAL COLIFORMS AGAR BASE (m-FC) 500grams – 91 €

For the cultivation and enumeration of fecal coliforms in water by the membrane-filtration technique at a high temperature

1806 PURIFIED AGAR 500 grams – 128 €

Highly purified agar with a very low ash content for use in microbiology and biochemistry. Subjected to rigid tests which guarantee its excellent performance in biochemical, bacteriological and mycological applications.

6036 CFC PSEUDOMONAS SUPPLEMENT Box of 10 vials for 500 ml/each – 94 €

Selective supplement for Pseudomonas isolation

CM506 PRONA SLIDES FOR GRAHAM'S TEST 90 x 3 slides – 210 €

The Prona Graham's test is based on the scotch tape system of collecting the eggs of Enterobius vermicularis. It's an easy and cost-effective method used worldwide.

1524 ANTIBIOTIC MEDIUM Nº 5 (STREPTOMYCIN TEST AGAR) 500 grams – 78 €

For use in the potency assay of Streptomycin

1459 ACTINOMYCETE ISOLATION AGAR GLYCEROL 500 grams – 150 €

For the isolation and cultivation actinomycetes from soil and water

1000 ANAEROBIC AGAR 500 grams – 82 €

For the cultivation of anaerobes, especially *Clostridium*

6019 PRESTON CAMPYLOBACTER SUPPLEMENT Box of 10 vials for 500 ml/each – 131 €

Selective supplement for *Campylobacter* isolation

6003 OXFORD LISTERIA SELECTIVE SUPPLEMENT (for 5 liters of medium) Box of 10 vials – 132 €

Selective supplement for *Listeria* isolation

6023 FECAL COLIFORMS SUPPLEMENT Box of 10 vials for 500 ml/each – 80 €

Supplement for Fecal Coliforms isolation

*Flow Cytometry

SPHERO™ Rainbow Calibration Particles

- Contains a mixture of fluorophores that enable the Rainbow Calibration Particles to be excited at any wavelength from 365 nm to 650 nm
- Allows the calibration of the FITC, PE, PE-TR, PE-Cy5, and APC channels in the flow cytometer with the same set of particles
- Consists of set of several similar size particles with different fluorescence intensities in a convenient dropper bottle
- Can be stored in the freezer and reused later since they can withstand repeated freezing and thawing

RCP-20-5 Rainbow Calibration Particles, 4 peaks – 343

Nominal Size 1.8-2.2 µm

RCP-30-5 Rainbow Calibration Particles, 6 peaks – 369

Nominal Size 3.0-3.4 µm

RCP-30-5A Rainbow Calibration Particles, 8 peaks – 369

Nominal Size 3.0-3.4 µm

RCP-32-5 Rainbow Calibration Particles, 6 peaks – 369

Nominal Size 3.2 (+/- 0.1) µm

RCP-35-5 Rainbow Calibration Particles, 4 peaks – 369

Nominal Size 3.5-4.0 µm

RCP-60-5 Rainbow Calibration Particles, 6 peaks – 369

Nominal Size 6.0-6.4 µm

END OF THE YEAR GIFT FOR YOU!

10% OFF for you only now!!

Product name : **BSA, Fraction V (pH 7.0)**

Catalog number : **AK8905-0100**

Quantity: **100g**

Old price: **202 Euro****New price for you: 182 Euro**

[http://antibody-antibodies.com/product2631490-search-BSA, Fraction V \(pH 7.0\).html](http://antibody-antibodies.com/product2631490-search-BSA, Fraction V (pH 7.0).html)

Product name : **BSA, Fraction V (pH 7.0)**

Catalog number : **AK8905-0500**

Quantity: **500g**

Old price: **583 Euro**.....**New price for you: 525 Euro**

[http://antibody-antibodies.com/product2630162-search-BSA, Fraction V \(pH 7.0\).html](http://antibody-antibodies.com/product2630162-search-BSA, Fraction V (pH 7.0).html)

Product name : **Bovine Insulin**

Catalog number : **AK8213-0100**

Quantity: **100mg**

Old price: **201 Euro**.....**New price for you: 181 Euro**

<http://antibody-antibodies.com/product2630185-search-Bovine Insulin.html>

Product name : **Bovine Insulin**

Catalog number : **AK8213-0500**

Quantity: **500mg**

Old price: **501 euro**.....**New price for you: 451 Euro**

<http://antibody-antibodies.com/product2630186-search-Bovine Insulin.html>

Product name : **Cell Proliferation Kit XTT**

Catalog number : **AK8088-1000**

Quantity: **1000 assays**

Old price: **228 Euro**.....**New price for you: 205 Euro**

http://antibody-antibodies.com/product2631749-search-Cell_Proliferation_Kit_XTT.html

Product name : **MycoSolutions-Mycoplasma Detection Kit (PCR)**

Catalog number : **AK3744-0010**

Quantity: **10 tests**

Old price: **246 Euro**.....**New price for you: 221 Euro**

[http://antibody-antibodies.com/product2630670-search-MycoSolutions_Mycoplasma_Detection_Kit_\(PCR\).html](http://antibody-antibodies.com/product2630670-search-MycoSolutions_Mycoplasma_Detection_Kit_(PCR).html)

Prices are without VAT.

Orders above 650 EUR for Europe and North America are with free shipping.

You can order by fax (0032 16 50 90 45) or via e-mail. When You confirm Your order I need delivery address, invoice address (if it is different than delivery address)and VAT number if You have any.

You can pay by bank transfer or by VISA Card, Master Card or American Express.

We charge 25EUR for dry ice.