

*PCR – From Tubes To Cyclers – We have it all! **PROMO PRICES!**

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 €

*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 €

*THERMAL CYCLERS

[Exicycler™ 96 – Quantitative Real-Time PCR System](#)

Exicycler is a flexible, 5-color system with advanced features such as a thermal gradient function as well as light tunnel technology which eliminates the need for a reference dye. Most systems illuminate the wells from above which results in up to a 30% difference in light intensity from the center of the plate to the edges. Gentaur's Exicycler 96 uses our exclusive light tunnel technology to deliver the same number of photons to each well, eliminating the need to use reference dyes to adjust for intensity differences!

[Premium™ – Thermal Cycler \(Gradient 96-well PCR\)](#)

Affordable gradient Thermal Cycler model that comes with user-friendly software interface. The 30°C wide gradient range enables various temperature points annealing on 96 well based assay optimization at ease.

Build-in selectable "Block or Tube mode" allow for quick set up based on the configuration of samples. 100 program storage capability with large LCD display.

AgileCycler™ – Thermal Cycler COLOR TOUCH Gradient 96-well

AgileCycler features a truly intuitive user interface with vivid high resolution colored touch screen. 4-zone temperature regulation that allows for higher temperature uniformity controlling. AgileCycler utilizes USB network to control up to 30 completely independent cycler blocks for higher throughput or multi-user situations.

Lux™ – Thermal Cycler (Interchangeable Block System-Gradient & More)

Lux Thermal Cycler is a revolutionized multifunctional thermal cycler compatible with eight interchangeable blocks which automatically recognized by machine. Ultra fast ramping rate and precise temperature controlling ability ensure accuracy of PCR experiments. Extra large screen display and user-friendly interface make operations fun and easy.

SLIM™ – Thermal Cycler (16-well Portable and Mobile with Optional Car Charger)

SLIM™ is an innovative thermal cycler, conveniently portable for field use (with optional car charger). Extreme compact (20x20cm footprint), slim (4cm thickness) , and light (2.5kg weight), SLIM™ is ideal for everyday personalized non-gradient thermal cycling use.

***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).

***Illuminators**

Whole New designs! Transilluminators 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 Euro

LB-17, LED transilluminator, Triple wavelengths, UltraBright and Uniform – 737 Euro

LB-16, UltraBright LED Transilluminator, 470nm - 685 Euro

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 Euro

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 Euro

***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 €

***Horizontal Electrophoresis Equipment**

MS7-UV7 Multi Sub Mini, 7 x 7cm UV Tray - 71 €

MS7-UV10 Multi Sub Mini, 7 x 10cm UV Tray – 76 €

MS10-UV7 Multi Sub Midi, 10 x 7cm UV Tray – 77 €

MS10-UV10 Multi Sub Midi, 10 x 10cm UV Tray– 80 €

MS15-UV10 Multi Sub Choice, 15 x 10cm UV Tray – 83 €

MSMAXI25 Multi Sub Maxi, 20 x 25cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides – 419 €

MSSCREEN32 Multi SUB Screen, 26 x 32cm UV Tray, 6 x 28 sample combs, loading guides, End Dams – 535 €

***DNA Ladders - accurate sizing and optimal mass determination of DNA ranging between 25bp and 10Kb**

HyperLadder I - HyperLadder™ 1kb is a popular ready-to-use molecular weight marker, especially designed for easy size determination. This ready-to-use format reduces handling steps and saves time; simply transfer HyperLadder™ 1kb from the vial to the gel

BIO-33053 HyperLadder I 100 lines - 48 €

BIO-33026 HyperLadder I 500 lines - 153 €

HyperLadder III

HyperLadder™ 500bp is a ready-to-use molecular weight marker, especially designed for easy size determination. This ready-to-use format reduces handling steps and saves time; simply transfer HyperLadder™ 500bp from the vial to the gel.

BIO-33055 HyperLadder III - 100 lines – 75 €

BIO-33044 HyperLadder III – 500 lines - 287 €

HyperLadder V

HyperLadder™ 25bp is a ready-to-use molecular weight marker for size determination of DNA fragments. It is especially designed for short fragments such as apoptotic DNA oligonucleotides. This ready-to-use format reduces handling steps and saves time; simply transfer HyperLadder™ 25bp from the vial to the gel.

BIO-33057 HyperLadder V – 100 lines – 80 €

BIO-33032 HyperLadder V – 500 lines – 309 €

***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.

***Digoxigenin and Biotin labeling**

The [ChromaLink™](#) family of kits and reagents – For use on antibodies and other biomolecules. Experience quantitative labeling, the most efficient conjugation chemistry and the mildest reaction conditions! Also lowering your cost!

No HABA or fluoro-reporter assay needed

[B-9014-009K ChromaLink Digoxigenin One-Shot Antibody Labeling Kit 100 µg IgG](#) – 215 €

[B-9014-020K ChromaLink Digoxigenin Large Scale One-Shot Antibody Labeling Kit 2 mg](#) – 2986 €

[B-9007-105K ChromaLink Biotin Labeling Kit 5 x rxns \(25 µg to 1 mg\)](#) – 384 €

[B-9007-009K ChromaLink Biotin One-Shot Antibody Labeling Kit 100 µg IgG](#) – 177 €

[B-1007-105 ChromaLink Biotin Labeling Reagent, water soluble 5 x 1.0 mg](#) – 240 €

[B-1007-110 ChromaLink Biotin Labeling Reagent, water soluble 10 mg](#) – 261 €

[B-1001-105 ChromaLink Biotin Labeling Reagent, DMF soluble 5 x 1.0 mg](#) – 189 €

***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 those Lysosomes already!

[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.

[10-0020 Citrate Buffer pH 6 \(20X\)](#) – 97 €

This product is intended to be used for the heat induced epitope (or antigen) retrieval (HIER) of formalin-fixed, paraffin-embedded (FFPE) tissues prior to immunohistochemical (IHC) staining.

[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.

[10-0037 Tris EDTA Buffer pH 9 \(20X\)](#) – 108 €

Tris EDTA Buffer, pH 9 is designed to break the protein cross-links, thus unmasking the antigens and epitopes in FFPE tissue sections and enhancing staining intensity of many antibodies.

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.

10-0044 PBS Powder (10X) – 105 €

PBS is used to prepare buffered saline solution which is required in many immunohistochemistry (IHC) and In Situ Hybridization (ISH) staining procedures.

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.

***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.

***Baculovirus Protein Expression**

flashBAC baculovirus expression vector DNA kits

The flashBAC™ system is a new platform technology for the production of recombinant baculoviruses, genetically optimized for producing 100% recombinant virus in a single step by eliminating the need for plaque purification.

Insect cells

A range of insect cell lines that are ideal for use with the flashBAC system. SuperSf9-1 for improved expression of stable proteins, superSf9-2 for improved expression of toxic proteins, superSf9-3 for improved expression of average proteins.

500100 - baculoGROW insect cell media - € 64

A serum- and protein-free medium. The medium has been specially formulated to facilitate the growth of Spodoptera frugiperda cell lines, Drosophila S2 cells and others.

baculoFECTIN

New non-toxic transfection reagent that has been optimized for use in insect cells to produce greater levels of transfection – leading to high level protein expression.

Baculovirus expression and titration

The unique expression and titration package that harnesses the speed and power of flashBAC™ expression with the ease and rapidity of baculoQUANT™ titration.

pOET sequencing primers

The sequencing primers are used to sequence inserts cloned into the multiple cloning site of any of the pOET transfer vectors.

Transfer plasmids

A selection of transfer plasmids that allow simple cloning and facilitate homologous recombination into the flashBAC system.

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.

