



**A&A BIOTECHNOLOGY**  
innovating life science

Products and prices  
2018

If you have any inquiries we will be happy to assist and guide you through the diversity of our products to ensure the best performance in your experimental setup.

Feel free to contact our experts by phone:  
+48 58 6982194, +48 883323761, or e-mail:  
info@aabiotech.com.

At A&A Biotechnology we shall always reply in detail.

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- webshop: [www.shop-aabiotech.com](http://www.shop-aabiotech.com)
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+48 58 698 21 95
- fax: +48 58 622 85 78

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#### Contact information

A&A Biotechnology  
Al. Zwycięstwa 96/98, 81-451 Gdynia  
phone: +48 58 698 21 94, +48 58 698 21 95, +48 883323761  
fax: +48 58 622 85 78  
[info@aabiotech.com](mailto:info@aabiotech.com), [www.aabiotech.com](http://www.aabiotech.com)

#### Customer Service

Barbara Pietrzak  
phone: +48 58 698 21 95  
[basia.pietrzak@aabiotech.com](mailto:basia.pietrzak@aabiotech.com)

#### Orders Department

Renata Lasota  
phone: +48 58 698 21 94  
[renata.lasota@aabiotech.com](mailto:renata.lasota@aabiotech.com)  
[orders@aabiotech.com](mailto:orders@aabiotech.com)

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## New products

name	description	catalog #	size	price EUR
<b>Genomic DNA purification</b>				
Genomic Micro AX Blood Gravity 96-well	Gravity flow kit for genomic DNA purification from blood. Form: 96-well plates. Sample size: up to 100 µl krwi of fresh or frozen blood.	101-192	192 isolations	216
		101-960	960 isolations	900
Xpure™ FFPE micro	Kit for genomic DNA purification from tissue preserved in paraffin. Fast deparaffinization without xylene and hexane. Isolation columns packed individually in sterile conditions.	091-50	50 isolations	81
Xpure™ Cell&Tissue micro	Kit for genomic DNA purification from small quantities of cell culture, tissue and small invertebrates. Isolation columns packed individually in sterile conditions.	090-50	50 isolations	75
Xpure™ Blood mini	Kit for genomic DNA purification from blood. Isolation columns packed individually in sterile conditions. Sample size: up to 200 µl of blood.	097-50	50 isolations	85
Xpure™ Genomic mini	Versatile kit for genomic DNA purification from cells and tissues. Isolation columns packed individually in sterile conditions. Sample size: up to 25 mg.	096-50	50 isolations	82
<b>RNA purification</b>				
Total RNA Mini Concentrator	Kit for total RNA purification. Low elution volume (from 15 µl). Sample size: up to 500 µl of bacteria culture, up to 1 ml of blood, up to 1 x 10 <sup>5</sup> of cell culture, up to 10 mg of plant or animal tissue, up to 500 µl of yeast culture.	031-25C	25 isolations	46
		031-100C	100 isolations	164
Total RNA Zol-Out™ D	Kit for the rapid purification of ultra-pure total RNA from samples prepared in (TRIzol® TRI Reagent®, RNAzol®, QIAzol®, TriPure™, TriSure™, etc.). Includes on-column DNA digestion.	043-25	25 isolations	56
		043-100	100 isolations	190
Bead-beat Total RNA Mini	Versatile kit for total RNA purification from various, lysis-resistant sources. Mechanical lysis procedure. Sample size: up to 50 mg of plant tissue or animal tissue, up to 3 ml of bacterial culture, up to 1 ml of yeast culture.	031-25BB	25 isolations	60
		031-100BB	100 isolations	204
<b>PCR mixes</b>				
3color Sensitive RT HS-PCR Mix SYBR®	High specificity ready-to-use mix for real-time Hot Start PCR with SYBR® Green. Contains dyes for visual aid during pipetting. 2x concentrated.	2000-250SM	250 reactions in 20 µl	135
		2000-2500SM	2500 reactions in 20 µl	1138

## New products

name	description	catalog #	size	price EUR
<b>PCR kits</b>				
PCR Kit 1	Complete PCR kit. Kit contents: Taq polymerase (concentration: 1 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1201-200	200 U	40
		1201-1000	1000 U	161
PCR Kit 5	Complete PCR kit. Kit contents: Taq polymerase (concentration: 5 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1205-200	200 U	40
		1205-1000	1000 U	161
HS-PCR Kit 1	Complete kit for Hot Start PCR. Kit contents: Taq polymerase (concentration: 1 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1201-200H	200 U	120
		1201-1000H	1000 U	482
HS-PCR Kit 5	Complete kit for Hot Start PCR. Kit contents: Taq polymerase (concentration: 5 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1205-200H	200 U	120
		1205-1000H	1000 U	482
<b>LAMP</b>				
BeST LAMP Kit	Kit for isothermal DNA amplification in constant temperature.	1025-100	100 reactions in 25 µl	134
BeST LAMP Kit SYBR®	Kit for isothermal DNA amplification in constant temperature. Contains SYBR® Green.	1025-100G	100 reactions in 25 µl	134
<b>Cloning and transformation</b>				
Thermo PNK	Thermostable polynucleotide kinase Form: solution, concentration 10 U/µl.	1016-50	500 U	38
<b>Laboratory equipment</b>				
Plasmid Maxi AX Sil rack	Dedicated rack for Plasmid Maxi AX Sil kit.	008-2	piece	20

# DNA purification

## DNA cleanup after enzymatic reactions

name	description	catalog #	size	price EUR
Clean-Up	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Sample size: up to 150 µl.	021-50	50 isolations	41
		021-250	250 isolations	184
Clean-Up AX	Increased efficiency kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Procedure with DNA precipitation. Allows to purify DNA fragments up to 20 000 bp. Sample size: up to 200 µl.	026-50	50 isolations	77
Clean-Up Concentrator	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Low elution volume (from 15 µl). Sample size: up to 100 µl.	021-50C	50 isolations	44
		021-250C	250 isolations	191
Clean-Up 96-well	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Form: 96-well plates.	021-192	192 isolations	147
Clean-Up Maxi	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Column capacity: 1 mg of DNA.	028-10	10 isolations	86
Gel-Out	Kit for DNA extraction from agarose. Sample size: agarose block up to 200 mg.	023-50	50 isolations	45
		023-250	250 isolations	202
Gel-Out AX	Increased efficiency kit for DNA extraction from low melting point agarose. Procedure with DNA precipitation. Sample size: agarose block up to 200 mg.	024-50	50 isolations	77
Gel-Out Concentrator	Kit for DNA extraction from agarose. Low elution volume (from 15 µl). Sample size: agarose block up to 200 mg.	023-50C	50 isolations	50
		023-250C	250 isolations	222
ExTerminator	Nucleotide terminators removal kit after cycle sequencing reactions. Sample size: up to 20 µl.	444-50	50 isolations	56
		444-250	250 isolations	256
ExTerminator 96-well	Nucleotide terminators removal kit after cycle sequencing reactions. Form: 96-well plates. Sample size: up to 20 µl.	444-192	192 isolations	163
		444-384	384 isolations	310
EPPiC	Kit for rapid, enzymatic purification of PCR products. Sample size: 20 µl of the PCR reaction mixture.	1021-100	100 reactions	33
		1021-500	500 reactions	134
EPPiC Fast	Kit for ultra rapid, enzymatic purification of PCR products. Sample size: 20 µl of the PCR reaction mixture.	1021-100F	100 reactions	39
		1021-500F	500 reactions	155

# Plasmid DNA purification

name	description	catalog #	size	price EUR
Plasmid Mini	Kit for high-copy plasmid DNA purification. Sample size: up to 3 ml of bacteria culture.	020-50	50 isolations	50
		020-250	250 isolations	223
Plasmid Mini AX	Increased efficiency kit for low- and high-copy plasmid DNA purification. Procedure with DNA precipitation. Sample size: up to 10 ml of bacteria culture.	010-50	50 isolations	106
Plasmid Mini AX Gravity	Gravity flow, Increased efficiency kit for high-copy plasmid DNA purification. Sample size: up to 3 ml of bacteria culture.	015-100	100 isolations	129
Plasmid Midi AX	Increased efficiency kit for low- and high-copy plasmid DNA purification. Procedure with DNA precipitation. Sample size: up to 100 ml of bacteria culture.	092-10	10 isolations	58
Plasmid Maxi AX Sil	Increased efficiency kit for low- and high-copy plasmid DNA purification. Procedure with DNA precipitation. Sample size: up to 500 ml of bacteria culture.	093-02S	2 isolations	75

## Genomic DNA purification

### Bacteria

name	description	catalog #	size	price EUR
Genomic Mini AX Bacteria	Increased efficiency kit for genomic DNA purification from bacteria. Procedure with DNA precipitation. Sample size: up to 1000 µl of bacteria culture.	060-60	60 isolations	142
Genomic Mini AX Bacteria Spin	Increased efficiency kit for genomic DNA purification from bacteria. Sample size: up to 1000 µl of bacteria culture.	060-100S	100 isolations	157
Genomic Mini AX Bacteria+	Increased efficiency kit for genomic DNA purification from Gram-positive bacteria. Contains Mutanolysin. Procedure with DNA precipitation. Sample size: up to 1000 µl of bacteria culture.	060-60M	60 isolations	170
Genomic Mini AX Bacteria+ Spin	Increased efficiency kit for genomic DNA purification from Gram-positive bacteria. Contains Mutanolysin. Sample size: up to 1000 µl of bacteria culture.	060-100MS	100 isolations	188
Genomic Micro AX Bacteria Gravity	Gravity flow kit for genomic DNA purification from bacteria. Sample size: up to 500 µl of bacteria culture.	102-100	100 isolations	155
Genomic Micro AX Bacteria+ Gravity	Gravity flow kit for genomic DNA purification from Gram-positive bacteria. Contains Mutanolysin. Sample size: up to 500 µl of bacteria culture.	102-100M	100 isolations	186
Genomic Mini AX Bacteria 96-well	Increased efficiency kit for genomic DNA purification from bacteria. Form: 96-well plates. Sample size: up to 500 µl of bacteria culture.	060-192	192 isolations	287

## Genomic DNA purification

### Bacteria

name	description	catalog #	size	price EUR
Genomic Mini AX Streptomyces	Increased efficiency kit for genomic DNA purification from Streptomyces bacteria. Procedure with DNA precipitation. Sample size: up to 3 ml of bacteria culture.	066-60	60 isolations	142
Genomic Micro AX Staphylococcus Gravity	Gravity flow kit for genomic DNA purification from Staphylococcus bacteria. Contains lysostaphin. Sample size: up to 500 µl of bacteria culture.	108-100	100 isolations	186
Genomic Mini AX Staphylococcus	Increased efficiency kit for genomic DNA purification from Staphylococcus bacteria. Contains lysostaphin. Procedure with DNA precipitation. Sample size: up to 1000 µl of bacteria culture.	067-60	60 isolations	170
Genomic Mini AX Staphylococcus Spin	Increased efficiency kit for genomic DNA purification from Staphylococcus bacteria. Contains lysostaphin. Sample size: up to 1000 µl of bacteria culture.	067-100S	100 isolations	188
Genomic Mini	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>6</sup> of cell culture, up to 15 mg of solid tissue, up to 100 µl of semen.	116-50	50 isolations	73
		116-250	250 isolations	335
Genomic Midi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure with DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>7</sup> of cell culture, up to 100 mg of solid tissue.	895-20	20 isolations	75
Genomic Midi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>7</sup> of cell culture, up to 100 mg of solid tissue.	895-20D	20 isolations	91
Genomic Maxi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Sample size: up to 5 ml of fresh or frozen blood, up to 2 x 10 <sup>10</sup> of bacteria culture, up to 5 x 10 <sup>7</sup> of cell culture, up to 300 mg of solid tissue.	995-10	10 isolations	57
Genomic Maxi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 5 ml of fresh or frozen blood, up to 2 x 10 <sup>10</sup> of bacteria culture, up to 5 x 10 <sup>7</sup> of cell culture, up to 300 mg of solid tissue.	995-10D	10 isolations	69

## Genomic DNA purification

### Bacteria

name	description	catalog #	size	price EUR
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of faeces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20	20 isolations	51
		106-100	100 isolations	211

### Blood

name	description	catalog #	size	price EUR
Blood Mini	Kit for genomic DNA purification from blood. Sample size: up to 1000 µl of fresh blood, up to 100 µl of frozen blood.	022-50	50 isolations	77
		022-250	250 isolations	345
Genomic Mini AX Blood	Increased efficiency kit for genomic DNA purification from blood. Procedure with DNA precipitation. Sample size: up to 200 µl of fresh or frozen blood.	052-60	60 isolations	131
Genomic Mini AX Blood 300 Spin	Increased efficiency kit for genomic DNA purification from blood. Sample size: up to 300 µl of fresh or frozen blood.	052-100S03	100 isolations	163
Genomic Mini AX Blood 1000 Spin	Increased efficiency kit for genomic DNA purification from blood. Sample size: up to 1000 µl of fresh or frozen blood.	052-100S1	100 isolations	163
Genomic Micro AX Blood Gravity	Gravity flow kit for genomic DNA purification from blood. Sample size: up to 100 µl krwi of fresh or frozen blood.	101-100	100 isolations	155
<b>NEW PRODUCT</b> Genomic Micro AX Blood Gravity 96-well	Gravity flow kit for genomic DNA purification from blood. Form: 96-well plates. Sample size: up to 100 µl krwi of fresh or frozen blood.	101-192	192 isolations	216
		101-960	960 isolations	900
<b>NEW PRODUCT</b> Xpure™ Blood mini	Kit for genomic DNA purification from blood. Isolation columns packed individually in sterile conditions. Sample size: up to 200 µl of blood.	097-50	50 isolations	85
Genomic Midi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure with DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>7</sup> of cell culture, up to 100 mg of solid tissue.	895-20	20 isolations	75
Genomic Midi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>7</sup> of cell culture, up to 100 mg of solid tissue.	895-20D	20 isolations	91

## Blood

name	description	catalog #	size	price EUR
Genomic Maxi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Sample size: up to 5 ml of fresh or frozen blood, up to $2 \times 10^{10}$ of bacteria culture, up to $5 \times 10^7$ of cell culture, up to 300 mg of solid tissue.	995-10	10 isolations	57
Genomic Maxi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 5 ml of fresh or frozen blood, up to $2 \times 10^{10}$ of bacteria culture, up to $5 \times 10^7$ of cell culture, up to 300 mg of solid tissue.	995-10D	10 isolations	69

## Body fluids

name	description	catalog #	size	price EUR
Genomic Mini AX Body Fluids	Increased efficiency kit for genomic DNA purification from body fluids. Procedure with DNA precipitation. Sample size: up to 2 ml of body fluid.	052-20M	20 isolations	72
		052-40M	40 isolations	138
Genomic Mini AX Swab & Semen Spin	Increased efficiency kit for genomic DNA purification from swab and semen. Sample size: swab, or up to 150 $\mu$ l of semen.	025-100S	100 isolations	163
<b>NEW PRODUCT</b> Xpure™ Genomic mini	Versatile kit for genomic DNA purification from cells and tissues. Isolation columns packed individually in sterile conditions. Sample size: up to 25 mg.	096-50	50 isolations	82

## Feces

name	description	catalog #	size	price EUR
Genomic Mini AX Stool	Increased efficiency kit for genomic DNA purification from feces. Procedure with DNA precipitation. Sample size: up to 100 mg of feces.	065-60	60 isolations	133
Genomic Mini AX Stool Spin	Increased efficiency kit for genomic DNA purification from feces. Sample size: up to 100 mg of feces.	065-100S	100 isolations	174
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of faeces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20	20 isolations	51
		106-100	100 isolations	211

## Food

name	description	catalog #	size	price EUR
Genomic Mini AX Food	Increased efficiency kit for genomic DNA purification from food of animal and plant origin. Procedure with DNA precipitation. Sample size: up to 100 mg of food sample.	053-60	60 isolations	133
Genomic Mini AX Milk Spin	Increased efficiency kit for genomic DNA purification from milk. Sample size: up to 10 ml of milk.	059-100S	100 isolations	174

## Materials with a trace content of DNA

name	description	catalog #	size	price EUR
Sherlock AX	Kit for DNA purification from materials with a trace content of DNA (blood and saliva stains, hair, fur, tissue preserved in paraffin and formalin, fresh tissue, fresh and frozen blood). Procedure with DNA precipitation.	095-25	25 isolations	49
		095-100	100 isolations	177
<b>NEW PRODUCT</b> Xpure™ Cell&Tissue micro	Kit for genomic DNA purification from small quantities of cell culture, tissue and small invertebrates. Isolation columns packed individually in sterile conditions.	090-50	50 isolations	75
<b>NEW PRODUCT</b> Xpure™ FFPE micro	Kit for genomic DNA purification from tissue preserved in paraffin. Fast deparaffinization without xylene and hexane. Isolation columns packed individually in sterile conditions.	091-50	50 isolations	81

## Plants

name	description	catalog #	size	price EUR
Genomic Mini AX Plant	Increased efficiency kit for genomic DNA purification from plant tissue. Procedure with DNA precipitation. Sample size: up to 20 mg of dry or up to 100 mg of fresh plant tissue.	050-60	60 isolations	131
Genomic Mini AX Plant Spin	Increased efficiency kit for genomic DNA purification from plant tissue. Sample size: up to 20 mg of dry or up to 100 mg of fresh plant tissue.	050-100S	100 isolations	174
Genomic Micro AX Plant Gravity	Gravity flow kit for genomic DNA purification from plant tissue. Sample size: up to 20 mg of dry or up to 100 mg of fresh plant tissue.	103-100	100 isolations	155
Genomic Midi AX Plant	Gravity flow, Increased efficiency kit for genomic DNA purification from plant tissue. Procedure with DNA precipitation. Sample size: up to 200 mg of dry or up to 1 g of fresh plant tissue.	050-20M	20 isolations	75
Fast DNA Plant Screen	Kit for rapid isolation of genomic DNA from plant material, to be used in PCR. Sample size: fragment of the plant tissue with a diameter of 2 - 3 mm.	050-192	192 isolations	174

## Plants

name	description	catalog #	size	price EUR
Fast DNA Plant Screen PCR	Kit for rapid isolation of genomic DNA from plant material, to be used in PCR. The kit includes 2x PCR Master Mix Plus High GC (Cat # 2005-100G). Sample size: fragment of the plant tissue with a diameter of 2 - 3 mm.	050-192P	192 isolations	204

## Soil

name	description	catalog #	size	price EUR
Genomic Mini AX Soil Spin	Increased efficiency kit for genomic DNA purification from soil. Sample size: up to 500 mg of soil.	068-100S	100 isolations	208
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of faeces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20	20 isolations	51
		106-100	100 isolations	211

## Swabs

name	description	catalog #	size	price EUR
Swab	Kit for DNA purification from swab samples. Sample size: mouth swab.	025-25	25 isolations	37
		025-100	100 isolations	130
Genomic Micro AX Swab Gravity	Gravity flow kit for genomic DNA purification from swabs. Sample size: mouth swab.	105-100	100 isolations	155
Genomic Micro AX Swab Gravity Plus	Gravity flow kit for genomic DNA purification from swab samples. Contains swabs. Sample size: mouth swab.	105-100P	100 isolations	197
Genomic Mini AX Swab & Semen Spin	Increased efficiency kit for genomic DNA purification from swab and semen. Sample size: swab, or up to 150 µl of semen.	025-100S	100 isolations	163

## Tissue and cell cultures

name	description	catalog #	size	price EUR
Genomic Mini AX Tissue	Increased efficiency kit for genomic DNA purification from tissue and cell culture. Procedure with DNA precipitation. Sample size: up to 25 mg of animal tissue, up to 1 x 10 <sup>6</sup> of cell culture.	056-60	60 isolations	142
Genomic Mini AX Tissue Spin	Increased efficiency kit for genomic DNA purification from tissue and cell culture. Sample size: up to 20 mg of animal tissue, up to 1 x 10 <sup>6</sup> of cell culture.	056-100S	100 isolations	163

## Tissue and cell cultures

name	description	catalog #	size	price EUR
Genomic Micro AX Tissue Gravity	Gravity flow kit for genomic DNA purification from tissue and cell culture. Sample size: up to 10 mg of animal tissue, up to 0,5 x 10 <sup>6</sup> of cell culture.	104-100	100 isolations	155
Genomic Mini AX Tissue 96-well	Increased efficiency kit for genomic DNA purification from tissue and cell culture. Form: 96-well plates. Sample size: up to 20 mg of animal tissue, up to 1 x 10 <sup>6</sup> of cell culture.	056-192	192 isolations	267
<b>NEW PRODUCT</b> Xpure™ Genomic mini	Versatile kit for genomic DNA purification from cells and tissues. Isolation columns packed individually in sterile conditions. Sample size: up to 25 mg.	096-50	50 isolations	82
<b>NEW PRODUCT</b> Xpure™ Cell&Tissue micro	Kit for genomic DNA purification from small quantities of cell culture, tissue and small invertebrates. Isolation columns packed individually in sterile conditions.	090-50	50 isolations	75
<b>NEW PRODUCT</b> Xpure™ FFPE micro	Kit for genomic DNA purification from tissue preserved in paraffin. Fast deparaffinization without xylene and hexane. Isolation columns packed individually in sterile conditions.	091-50	50 isolations	81
Genomic Mini AX Swab & Semen Spin	Increased efficiency kit for genomic DNA purification from swab and semen. Sample size: swab, or up to 150 µl of semen.	025-100S	100 isolations	163
Sherlock AX	Kit for DNA purification from materials with a trace content of DNA (blood and saliva stains, hair, fur, tissue preserved in paraffin and formalin, fresh tissue, fresh and frozen blood). Procedure with DNA precipitation.	095-25	25 isolations	49
		095-100	100 isolations	177
Genomic Mini	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>6</sup> of cell culture, up to 15 mg of solid tissue, up to 100 µl of semen.	116-50	50 isolations	73
		116-250	250 isolations	335
Genomic Midi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure with DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>7</sup> of cell culture, up to 100 mg of solid tissue.	895-20	20 isolations	75
Genomic Midi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 <sup>9</sup> of bacteria culture, up to 1 x 10 <sup>7</sup> of cell culture, up to 100 mg of solid tissue.	895-20D	20 isolations	91
Genomic Maxi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Sample size: up to 5 ml of fresh or frozen blood, up to 2 x 10 <sup>10</sup> of bacteria culture, up to 5 x 10 <sup>7</sup> of cell culture, up to 300 mg of solid tissue.	995-10	10 isolations	57

## Tissue and cell cultures

name	description	catalog #	size	price EUR
Genomic Maxi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 5 ml of fresh or frozen blood, up to $2 \times 10^{10}$ of bacteria culture, up to $5 \times 10^7$ of cell culture, up to 300 mg of solid tissue.	995-10D	10 isolations	69

## Viruses and phages

name	description	catalog #	size	price EUR
Genomic Mini AX Phage	Kit for DNA purification from bacteriophages.	011-20	20 isolations	75
Viral DNA/RNA	Kit for viral DNA and RNA purification from blood. Sample size: up to 350 $\mu$ l of blood.	034-50 034-100	50 isolations 100 isolations	70 126
Virus Mini AX Transfect	Increased efficiency kit for viral DNA purification for transfection. Procedure with DNA precipitation. Sample size: up to 900 $\mu$ l of virions suspension.	060-50T	50 isolations	118

## Yeast and fungi

name	description	catalog #	size	price EUR
Genomic Mini AX Yeast	Increased efficiency kit for genomic DNA purification from yeast and fungi. Contains Lyticase. Procedure with DNA precipitation. Sample size: up to 3 ml of yeast culture.	058-60	60 isolations	142
Genomic Mini AX Yeast Spin	Increased efficiency kit for genomic DNA purification from yeast and fungi. Contains Lyticase. Procedure with DNA precipitation. Sample size: up to 1000 $\mu$ l of yeast culture.	058-100S	100 isolations	183
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of faeces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20 106-100	20 isolations 100 isolations	51 211

## DNA purification reagents

name	description	catalog #	size	price EUR
Anti-Inhibitor Kit	Kit for removing inhibitors from DNA preparations.	1015-50 1015-250	50 isolations 250 isolations	48 215
labZAP™	Surface cleaning agent for total removal of DNAses and RNAses.	040-500	500 ml	30

## RNA purification

### Total RNA

name	description	catalog #	size	price EUR
Total RNA Mini	Kit for total RNA purification. Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to $1 \times 10^6$ of cell culture, up to 50 mg of plant or animal tissue, up to 1000 $\mu$ l of yeast culture.	031-25 031-100	25 isolations 100 isolations	51 186
<b>NEW PRODUCT</b> Total RNA Mini Concentrator	Kit for total RNA purification. Low elution volume (from 15 $\mu$ l). Sample size: up to 500 $\mu$ l of bacteria culture, up to 1 ml of blood, up to $1 \times 10^5$ of cell culture, up to 10 mg of plant or animal tissue, up to 500 $\mu$ l of yeast culture.	031-25C	25 isolations	46
		031-100C	100 isolations	164
Total RNA Mini Plus	Kit for total RNA purification. Chloroform free procedure. Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to $1 \times 10^6$ of cell culture, up to 50 mg of plant or animal tissue, up to 1000 $\mu$ l of yeast culture.	036-25	25 isolations	56
		036-100	100 isolations	204
Total RNA Mini Plus Concentrator	Kit for total RNA purification. Chloroform free procedure. Low elution volume (from 15 $\mu$ l). Sample size: up to 500 $\mu$ l of bacteria culture, up to 1000 $\mu$ l of blood, up to $1 \times 10^5$ of cell culture, up to 10 mg of plant or animal tissue, up to 500 $\mu$ l of yeast culture.	036-25C	25 isolations	54
		036-100C	100 isolations	187
Total RNA Zol-Out™	Kit for the rapid purification of ultra-pure total RNA from samples prepared in (TRIzol® TRI Reagent®, RNazol®, QIAzol®, TriPure™, TriSure™, etc.)	030-25	25 isolations	41
		030-100	100 isolations	148
<b>NEW PRODUCT</b> Total RNA Zol-Out™ D	Kit for the rapid purification of ultra-pure total RNA from samples prepared in (TRIzol® TRI Reagent®, RNazol®, QIAzol®, TriPure™, TriSure™, etc.). Includes on-column DNA digestion.	043-25	25 isolations	56
		043-100	100 isolations	190
<b>NEW PRODUCT</b> Bead-beat Total RNA Mini	Versatile kit for total RNA purification from various, lysis-resistant sources. Mechanical lysis procedure. Sample size: up to 50 mg of plant tissue or animal tissue, up to 3 ml of bacterial culture, up to 1 ml of yeast culture.	031-25BB	25 isolations	60
		031-100BB	100 isolations	204
Total RNA Midi	Kit for total RNA purification. Sample size: up to 10 ml of bacteria culture, up to 10 ml of blood, up to $1 \times 10^7$ of cell culture, up to 150 mg of plant or animal tissue, up to 10 ml of yeast culture.	032-20	20 isolations	100
Total RNA Maxi	Kit for total RNA purification. Sample size: up to 20 ml of bacteria culture, up to 50 ml of blood, up to $5 \times 10^7$ of cell culture, up to 500 mg of plant or animal tissue, up to 20 ml of yeast culture.	033-10	10 isolations	83



## Micro RNA

name	description	catalog #	size	price EUR
Micro RNA	Kit for micro RNA purification. Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to 1 x 10 <sup>9</sup> of cell culture, up to 50 mg of plant or animal tissue, up to 3 ml of yeast culture.	035-25	25 isolations	57
Micro RNA Concentrator	Kit for micro RNA purification. Low elution volume (from 15 µl). Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to 1 x 10 <sup>9</sup> of cell culture, up to 50 mg of plant or animal tissue, up to 3 ml of yeast culture.	035-25C	25 isolations	60

## RNA cleanup

name	description	catalog #	size	price EUR
Clean-Up RNA Concentrator	Kit for RNA preparations concentration and DNA residues removal. Low elution volume (from 15 µl). Sample size: up to 100 µl.	039-25C	25 isolations	33
		039-100C	100 isolations	115
DNase	Recombinant DNase I. RNase free. Form: solution. Concentration: 10 U/µl.	1009-10	1000 U	21
		1009-100	10 000 U	94

## Viral RNA purification

name	description	catalog #	size	price EUR
Viral DNA/RNA	Kit for viral DNA and RNA purification from blood. Sample size: up to 350 µl of blood.	034-50	50 isolations	70
		034-100	100 isolations	126

## RNA purification reagents

name	description	catalog #	size	price EUR
Fenozol	Lysis and protection solution. Can be used during RNA purification.	203-50	50 ml	35
		203-100	100 ml	58
Fenozol Plus	Lysis and protection solution. Can be used during RNA purification.	203-50P	50 ml	37
		203-100P	100 ml	64
labZAP™	Surface cleaning agent for total removal of DNases and RNases.	040-500	500 ml	30
RBCL	Erythrocyte lysis solution.	213-100	100 ml	8
		213-250	250 ml	19
		213-1000	1000 ml	75

## RNA purification reagents

name	description	catalog #	size	price EUR
stayRNA™	Buffer for RNA protection in biological samples.	038-100	100 ml	75
		038-250	250 ml	145
		038-500	500 ml	265

# PCR and reverse transcription

## PCR mixes

### Standard PCR

name	description	catalog #	size	price EUR
PCR Mix	Ready-to-use mix for PCR. Contains Taq polymerase. 2x concentrated.	2005-100	200 reactions in 25 µl	35
		2005-1000	2000 reactions in 25 µl	268
PCR Mix Plus	High specificity ready-to-use mix for PCR. Contains PCR antiinhibitor and Taq polymerase. 2x concentrated.	2005-100P	200 reactions in 25 µl	35
		2005-1000P	2000 reactions in 25 µl	268
PCR Mix Plus HGC	Ready-to-use mix for PCR from GC-rich templates. Contains PCR antiinhibitor and Taq polymerase. 2x concentrated.	2005-100G	200 reactions in 25 µl	37
		2005-1000G	2000 reactions in 25 µl	295
PCR Mix RAPID	Ready-to-use mix for PCR from long DNA fragments intended for cloning. Contains polymerase with proofreading activity. 2x concentrated.	2009-100	200 reactions in 25 µl	78
		2009-1000	2000 reactions in 25 µl	616
pUC Screen PCR Mix	Ready-to-use mix for rapid selection of recombinants from pUC vector.	2006-250	200 reactions in 25 µl	86
T7 Screen PCR Mix	Ready-to-use mix for rapid selection of recombinants cloned into pET-type vectors containing the promoter sequences and T7 terminator.	2007-250	200 reactions in 25 µl	86

### Real-time PCR

name	description	catalog #	size	price EUR
RT PCR Mix EvaGreen®	Ready-to-use mix for real-time PCR with EvaGreen®. Used for HRM analysis. 2x concentrated.	2008-100G	200 reactions in 25 µl	152
		2008-1000G	2000 reactions in 25 µl	1044
RT PCR Mix Probe	Ready-to-use mix for real-time PCR with fluorescent probe. 2x concentrated.	2008-200P	200 reactions in 25 µl	70
		2008-2000P	2000 reactions in 25 µl	455

## Real-time PCR

name	description	catalog #	size	price EUR
RT PCR Mix SYBR® A	Ready-to-use mix for real-time PCR with SYBR® Green. 2x concentrated.	2008-100A	200 reactions in 25 µl	70
		2008-1000A	2000 reactions in 25 µl	455
RT PCR Mix SYBR® B	Ready-to-use mix for real-time PCR with SYBR® Green. 2x concentrated.	2008-100B	200 reactions in 25 µl	70
		2008-1000B	2000 reactions in 25 µl	455
RT PCR Mix SYBR® C	Ready-to-use mix for real-time PCR with SYBR® Green. 2x concentrated.	2008-100C	200 reactions in 25 µl	70
		2008-1000C	2000 reactions in 25 µl	455

### Hot Start PCR

name	description	catalog #	size	price EUR
StartWarm HS-PCR Mix	Ready-to-use mix for Hot Start PCR. Contains Taq DNA polymerase. 2x concentrated.	2017-100	200 reactions in 25 µl	70
		2017-1000	2000 reactions in 25 µl	562

### Hot Start real-time PCR

name	description	catalog #	size	price EUR
RT HS-PCR Mix EvaGreen®	Ready-to-use mix for real-time Hot Start PCR with EvaGreen®. Used for HRM analysis. 2x concentrated.	2017-100G	200 reactions in 25 µl	152
		2017-1000G	2000 reactions in 25 µl	1044
RT HS-PCR Mix Probe	Ready-to-use mix for real-time Hot Start PCR with fluorescent probe. 2x concentrated.	2017-200P	200 reactions in 25 µl	70
		2017-2000P	2000 reactions in 25 µl	455
RT HS-PCR Mix SYBR® A	Ready-to-use mix for real-time Hot Start PCR with SYBR® Green. 2x concentrated.	2017-100A	200 reactions in 25 µl	70
		2017-1000A	2000 reactions in 25 µl	455
RT HS-PCR Mix SYBR® B	Ready-to-use mix for real-time Hot Start PCR with SYBR® Green. 2x concentrated.	2017-100B	200 reactions in 25 µl	70
		2017-1000B	2000 reactions in 25 µl	455

## Hot Start real-time PCR

name	description	catalog #	size	price EUR
RT HS-PCR Mix SYBR® C	Ready-to-use mix for real-time Hot Start PCR with SYBR® Green. 2x concentrated.	2017-100C	200 reactions in 25 µl	70
		2017-1000C	2000 reactions in 25 µl	455
3color RT HS-PCR Mix SYBR®	Ready-to-use mix for real-time Hot Start PCR with SYBR® Green. Contains dyes for visual aid during pipetting. 2x concentrated.	2000-250S	250 reactions in 20 µl	86
		2000-2500S	2500 reactions in 20 µl	723
<b>NEW PRODUCT</b> 3color Sensitive RT HS-PCR Mix SYBR®	High specificity ready-to-use mix for real-time Hot Start PCR with SYBR® Green. Contains dyes for visual aid during pipetting. 2x concentrated.	2000-250SM	250 reactions in 20 µl	135
		2000-2500SM	2500 reactions in 20 µl	1138
Sensitive RT HS-PCR Mix EvaGreen®	High specificity ready-to-use mix for real-time Hot Start PCR with EvaGreen®. Used for HRM analysis. 2x concentrated.	2017-100GM	200 reactions in 25 µl	141
		2017-1000GM	2000 reactions in 25 µl	1125
Sensitive RT HS-PCR Mix SYBR®	High specificity ready-to-use mix for real-time Hot Start PCR with SYBR® Green. 2x concentrated.	2017-100BM	200 reactions in 25 µl	111
		2017-1000BM	2000 reactions in 25 µl	885
Sensitive RT HS-PCR Mix Probe 2x	High specificity ready-to-use mix for real-time Hot Start PCR with fluorescent probe. 2x concentrated.	2017-200PM	200 reactions in 25 µl	111
		2017-2000PM	2000 reactions in 25 µl	885
Multiplex PCR Mix Probe 4x	High specificity ready-to-use mix for multiplex PCR with fluorescent probe. 4x concentrated.	2017-2004PM	200 reactions in 25 µl	111
		2017-20040PM	2000 reactions in 25 µl	885

## PCR kits

name	description	catalog #	size	price EUR
<b>NEW PRODUCT</b> PCR Kit 1	Complete PCR kit. Kit contents: Taq polymerase (concentration: 1 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1201-200	200 U	40
		1201-1000	1000 U	161
<b>NEW PRODUCT</b> PCR Kit 5	Complete PCR kit. Kit contents: Taq polymerase (concentration: 5 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1205-200	200 U	40
		1205-1000	1000 U	161

## PCR kits

name	description	catalog #	size	price EUR
<b>NEW PRODUCT</b> HS-PCR Kit 1	Complete kit for Hot Start PCR. Kit contents: Taq polymerase (concentration: 1 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1201-200H	200 U	120
		1201-1000H	1000 U	482
<b>NEW PRODUCT</b> HS-PCR Kit 5	Complete kit for Hot Start PCR. Kit contents: Taq polymerase (concentration: 5 U / µl), dNTP mix, Ku buffer, PCR buffer with Mg <sup>2+</sup> , PCR buffer without Mg <sup>2+</sup> , MgCl <sub>2</sub> , loading buffer.	1205-200H	200 U	120
		1205-1000H	1000 U	482

## LAMP

name	description	catalog #	size	price EUR
<b>NEW PRODUCT</b> BeSt LAMP Kit	Kit for isothermal DNA amplification in constant temperature.	1025-100	100 reactions in 25 µl	134
<b>NEW PRODUCT</b> BeSt LAMP Kit SYBR®	Kit for isothermal DNA amplification in constant temperature. Contains SYBR® Green.	1025-100G	100 reactions in 25 µl	134

## Polymerases

name	description	catalog #	size	price EUR
RUN DNA Polymerase	Taq DNA polymerase with reaction buffer. Form: solution, concentration 1 U/µl.	1001-200	200 U	21
		1001-1000	1000 U	81
RUN-HS DNA polymerase	Hot Start Taq DNA polymerase with reaction buffer. Blocked with anti-Taq monoclonal antibody (mAb). Form: solution, concentration 1 U/µl.	1001-200H	200 U	104
		1001-1000H	1000 U	399
RUN-HLA DNA Polymerase	Taq DNA polymerase with reaction buffer. For HLA assay. Form: solution, concentration 1 U/µl.	1001-250S	250 U	24
		1001-1000S	1000 U	81
WALK DNA polymerase	Pwo DNA polymerase with a reaction buffer. It has a proofreading activity. Form: solution, concentration 1 U/µl.	1002-200	200 U	21
		1002-1000	1000 U	81
MARATHON DNA polymerase	Mix of DNA polymerases for amplifying very long DNA fragments. Contains a reaction buffer. It has a proofreading activity. Form: solution, concentration 1 U/µl.	1003-200	200 U	35
		1003-1000	1000 U	134
Klenow fragment exo-	Fragment of polymerase I from E. coli. Form: solution, concentration 5 U/µl.	1012-300	300 U	57
T7 RNA polymerase	Recombinant T7 phage RNA polymerase. Form: solution, concentration 20 U/µl.	1014-5	5000 U	35

## Reverse transcription

name	description	catalog #	size	price EUR
TranScriba Kit	Kit for first strand cDNA synthesis. Contains RNase inhibitor and standard primers.	4000-20	20 reactions in 20 µl	48
		4000-100	100 reactions in 20 µl	193
TranScriba 1step PCR Mix Probe	Kit for reverse transcription followed by real-time PCR with fluorescent probes.	2008-100Q	100 reactions in 25 µl	112
		2008-200Q	200 reactions in 25 µl	204
TranScriba 1step PCR Mix SYBR®	Kit for reverse transcription followed by real-time PCR with SYBR® Green.	2008-100S	100 reactions in 25 µl	101
		2008-200S	200 reactions in 25 µl	185

## In vitro RNA transcription

name	description	catalog #	size	price EUR
RNase inhibitor	Inhibits the activity of RNase A, B and C. Form: solution. Concentration: 40 U/µl.	037-25	2500 U	33
		037-100	4 x 2500 U	115
		037-1000	24 x 2500 U	694
Yeast inorganic pyrophosphatase	Enzyme catalyzes the hydrolysis of inorganic pyrophosphate to form orthophosphate. Increases the yield of polymerization reaction of DNA and RNA. Form: solution, concentration 0,1 U/µl.	1011-10	10 U	35
Ribonucleotides	Contains separate tubes with aqueous solutions of each of the nucleotides (ATP, CTP, GTP, TTP) at a concentration of 100 mM.	1040-250	4 x 250 µl	42
T7 RNA polymerase	Recombinant T7 phage DNA polymerase. Form: solution, concentration 20 U/µl.	1014-5	5000 U	35

## PCR reagents

name	description	catalog #	size	price EUR
dNTP mix 10	Mix of deoxynucleotides (dATP, dCTP, dGTP, dTTP). 10 mM of each dNTP.	2001-200	200 µl	15
		2001-1000	1000 µl	65
dNTP mix 25	Mix of deoxynucleotides (dATP, dCTP, dGTP, dTTP). 25 mM of each dNTP.	2001-1	1000 µl	77
		2001-4	4 x 1000 µl	295
Ribonucleotides	Contains separate tubes with aqueous solutions of each of the nucleotides (ATP, CTP, GTP, TTP) at a concentration of 100 mM.	1040-250	4 x 250 µl	42

## PCR reagents

name	description	catalog #	size	price EUR
Sterile Water	Nuclease free. DEPC treated.	003-075	5 x 1.5 ml	20
		003-25	5 x 5 ml	27
		003-500	500 ml	33

## Cloning and transformation

name	description	catalog #	size	price EUR
E.coli Transformer Kit	Kit for preparation of competent E. coli. cells and transformation. Chemical method.	4020-240	6 x 40 reactions	67
Saccharomyces Transformer Kit	Kit for preparation of competent S.cerevisiae cells and transformation. Chemical method.	4010-120	120 reactions	321
Pichia Transformer Kit	Kit for preparation of competent Pichia pastoris cells and transformation. Chemical method.	4000-120	120 reactions	321
KineX	Dedicated enzymatic mix for rapid preparation of PCR-derived DNA fragments for blunt end cloning.	1008-20	20 reactions	24
		1008-100	100 reactions	60
T4 DNA ligase	Enzyme for efficient ligation of both sticky and blunt ended dsDNA. Form: solution, concentration 1 U/ $\mu$ l.	1004-200	200 U	33
		1004-1000	1000 U	134
OverLap™ Assembly	Kit for rapid cloning of multiple PCR products. DNA Ligase free procedure. Based on the Gibson method.	1024-10	10 reactions	94
		1024-50	50 reactions	389
<b>NEW PRODUCT</b> Thermo PNK	Thermostable polynucleotide kinase Form: solution, concentration 10 U/ $\mu$ l.	1016-50	500 U	38

## Methylation

name	description	catalog #	size	price EUR
CiTi Converter DNA Methylation Kit	Complete kit for efficient conversion and preparation of DNA for methylation research.	027-50	50 reactions	97
		027-250	250 reactions	364
CiTi Converter MSP PCR Kit	Kit for very accurate, methylation-specific PCR.	1080-100	100 reactions in 50 $\mu$ l	201

## Protein analysis

name	description	catalog #	size	price EUR
Protein Precipitation Kit	Kit for protein concentration in denaturing conditions.	1013-50	50 reactions	45
		1013-250	250 reactions	204

## Enzymes

### Lytic enzymes

name	description	catalog #	size	price EUR
Lyticase	Mix of enzymes for efficient lysis of yeast cell wall.	1018-10	10 000 U	75
	Form: solution. Concentration 10 U/μl.	1018-50	50 000 U	282
	Form: lyophilisate	1018-5L	5 000 U	50
Lysostaphin	Enzyme for specific lysis of the cell wall of Staphylococcus bacteria. Form: solution. Concentration 0,4 U/μl.	1018-10L	10 000 U	83
		1007-400	400 U	43
Lysozyme	Enzyme for lysis of Gram-negative and Gram-positive bacteria. Form: solution. Concentration 10 mg/ml.	1007-2000	2000 U	180
		1005-10	1 ml	34
Mutanolysin, recombinant	Enzyme for digesting the cell wall of Gram-positive bacteria especially resistant to lysis. Including: Streptococcus, Enterococcus, Lactobacillus, Lactococcus and Listeria. Form: solution, concentration 10 U/μl.	1005-50	5 x 1 ml	141
		1017-5	5 000 U	86
		1017-10	10 000 U	158
		1017-50	50 000 U	632
		1017-10L	10 000 U	173
Proteinase K	Enzyme for digesting proteins in biological samples. Form: lyophilisate, activity > 3000 - 4000 U/mg	1017-50L	50 000 U	696
		1019-20	1 ml	20
		1019-25L	25 mg	18
		1019-100L	100 mg	56
		1019-250L	250 mg	80
	Form: lyophilisate, activity > 30 U/mg.	1019-1L	1 g	228

### Nucleases

name	description	catalog #	size	price EUR
DNAse	Recombinant nuclease for DNA degradation. RNAse free. Form: solution. Concentration: 10 U/μl.	1009-10	1000 U	21
		1009-100	10 000 U	94
RNAse	Nuclease for RNA degradation. DNAse free. Form: solution. Concentration: 10 mg/ml.	1006-10	1 ml	52
		1006-50	5 x 1 ml	216
Exonuclease I	Recombinant enzyme that degrades single-stranded DNA in the 3'-5' direction. Form: solution, concentration 5 U/μl.	1020-1	1000 U	48
		1020-5	5000 U	201

## Nucleases

name	description	catalog #	size	price EUR
Viscolase	Highly efficient nuclease degrading DNA and RNA. Reduces viscosity of the protein preparations. Form: solution, concentration 250 U/μl.	1010-25	25 000 U	27
		1010-100	100 000 U	87

## Polymerases

name	description	catalog #	size	price EUR
RUN DNA polymerase	Taq DNA polymerase with reaction buffer. Form: solution, concentration 1 U/μl.	1001-200	200 U	21
		1001-1000	1000 U	81
RUN-HS DNA polymerase	Hot Start Taq DNA polymerase with reaction buffer. Blocked with anti-Taq monoclonal antibody (mAb). Form: solution, concentration 1 U/μl.	1001-200H	200 U	104
		1001-1000H	1000 U	399
RUN-HLA DNA polymerase	Taq DNA polymerase with reaction buffer. For HLA assay. Form: solution, concentration 1 U/μl.	1001-250S	250 U	24
		1001-1000S	1000 U	81
WALK DNA polymerase	Pwo DNA polymerase with a reaction buffer. It has a proofreading activity. Form: solution, concentration 1 U/μl.	1002-200	200 U	21
		1002-1000	1000 U	81
MARATHON DNA polymerase	Mix of DNA polymerases for amplifying very long DNA fragments. Contains a reaction buffer. It has a proofreading activity. Form: solution, concentration 1 U/μl.	1003-200	200 U	35
		1003-1000	1000 U	134
Klenow fragment exo-	Fragment of polymerase I from E. coli. Form: solution, concentration 5 U/μl.	1012-300	300 U	57
T7 RNA polymerase	Recombinant T7 phage RNA polymerase. Form: solution, concentration 20 U/μl.	1014-5	5000 U	35

## Other enzymes

name	description	catalog #	size	price EUR
KineX	Dedicated enzymatic mix for rapid preparation of PCR-derived DNA fragments for blunt end cloning.	1008-20	20 reactions	24
		1008-100	100 reactions	60
T4 DNA ligase	Enzyme for efficient ligation of both sticky and blunt ended dsDNA. Form: solution, concentration 1 U/μl.	1004-200	200 U	33
		1004-1000	1000 U	134
Yeast inorganic pyrophosphatase	Enzyme catalyzes the hydrolysis of inorganic pyrophosphate to form orthophosphate. Increases the yield of polymerization reaction of DNA and RNA. Form: solution, concentration 0,1 U/μl.	1011-10	10 U	35
<b>NEW PRODUCT</b> Thermo PNK	Thermostable polynucleotide kinase Form: solution, concentration 10 U/μl.	1016-50	500 U	38

## Molecular weight markers

name	description	catalog #	size	price EUR
DNA Marker 1	Range: 100 - 1 000 bp. Concentration: 0,1 μg/μl.	3000-500	100 applications	45
DNA Marker 2	Range: 50 - 1 000 bp. Concentration: 0,1 μg/μl.	3005-500	100 applications	45
DNA Marker DraMix	Range: 142 - 3 794 bp. Concentration: 0,1 μg/μl.	3020-500	100 applications	34
DNA Marker Lambda/Ava II	Range: 23 - 8 126 bp. Concentration: 0,1 μg/μl.	3520-500	100 applications	19
DNA Marker Lambda/BstE II	Range: 702 - 8 454 bp. Concentration: 0,1 μg/μl.	3510-500	100 applications	19
DNA Marker Lambda/Hind III	Range: 564 - 23 130 bp. Concentration: 0,1 μg/μl.	3500-500	100 applications	19
DNA Marker Lambda/Pst I	Range: 150 - 14 057 bp. Concentration: 0,1 μg/μl.	3530-500	100 applications	19
DNA Marker pUC/Mix	Range: 19 - 1 118 bp. Concentration: 0,1 μg/μl.	3015-500	100 applications	51
DNA Marker pUC/Msp I	Range: 26 - 501 bp. Concentration: 0,1 μg/μl.	3010-500	100 applications	34
RNA Marker 1 RTU	Range: 100 - 1 000 bp. Concentration: 0,5 μg/μl.	3800-100	100-200 applications	105

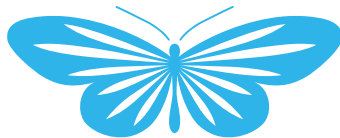
## Molecular biology reagents

name	description	catalog #	size	price EUR
Loading buffer for agarose electrophoresis	6x concentrated sample loading buffer for agarose electrophoresis. Dyes: bromophenol blue, xylene cyanole.	5000-5	5 x 1 ml	33
DTT	Dithiothreitol. Form: lyophilisate.	2010-5	5 g	43
		2010-25	25 g	161
DTT RTU	Dithiothreitol. Form: lyophilisate. 10 tubes with 154 mg each. Dissolving in 1 ml of water results in 1 M solution.	2010-10P	10 x 154 mg	57
IPTG	Synthetic analog of galactose that induces expression of the E. coli lac operon. Form: lyophilisate.	2003-1	1 g	26
		2003-5	5 g	39
		2003-25	25 g	153
IPTG RTU	Synthetic analog of galactose that induces expression of the E. coli lac operon. Form: solution. Concentration: 100 mM.	2003-15S	10 x 1,5 ml	54
labZAP™	Surface cleaning agent for total removal of DNAses and RNAses.	040-500	500 ml	30
		003-075	5 x 1.5 ml	20
Sterile Water	Nuclease free. DEPC treated.	003-25	5 x 5 ml	27
		003-500	500 ml	33
X-Gal	Substrate for detecting the activity of $\beta$ -galactosidase. Form: lyophilisate.	2004-1	1 g	86
		2004-3	3 g	213
X-Gal RTU	Substrate for detecting the activity of $\beta$ -galactosidase. Form: solution. Concentration: 20 mg/ml.	2004-10S	10 x 1 ml	99

## Laboratory equipment

name	description	catalog #	size	price EUR
Gravity flow rack	Dedicated rack for kits based on Gravity flow technology.	008-1	1 piece	13
<b>NEW PRODUCT</b> Plasmid Maxi AX Sil rack	Dedicated rack for Plasmid Maxi AX Sil kit.	008-2	1 piece	20





# A&A BIOTECHNOLOGY

innovating life science

Al. Zwycięstwa 96/98, 81-451 Gdynia, Poland  
phone +48 58 6982194, fax +48 58 6228578  
info@aabiotech.com, www.aabiotech.com