



roboklon

PRODUCTS FOR MOLECULAR BIOLOGICAL RESEARCH

09  
PRICE LIST  
2017

ENZYMES AND REAGENTS

NUCLEIC ACIDS PURIFICATION SYSTEMS

VECTORS AND MOLECULAR WEIGHT MARKERS



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## PRODUCT NAME &amp; DESCRIPTION

## CAT.NUMBER

## PACKAGE

## PRICE

## 1. ENZYMES &amp; REAGENTS FOR PCR, TRANSCRIPTION &amp; REVERSE TRANSCRIPTION

## THERMOSTABLE DNA POLYMERASES

All thermostable DNA Polymerases are also available as kits, which include a DNA Polymerase and a mix of carefully tested and calibrated ultrapure dNTPs (catalog numbers indicated with letters EK).

**Taq DNA Polymerases**

<b>Taq DNA Polymerase</b>	E2500-01	200 u	€ 26.50
	E2500-04	500 u	€ 58.00
Ultrapure, recombinant Taq DNA polymerase for general use (5.0 u/μl).	E2500-02	1 000 u	€ 101.00
	E2500-03	5 000 u	€ 500.00

**Taq DNA Polymerase**

Taq DNA Polymerase kit containing polymerase and dNTPs.

EK2500-01	200 u	€ 33.50
EK2500-04	500 u	€ 75.50
EK2500-02	1 000 u	€ 136.00
EK2500-03	5 000 u	€ 675.00

**Color Taq DNA Polymerase**

The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.0 u/μl).

E2510-01	200 u	€ 26.50
E2510-04	500 u	€ 58.00
E2510-02	1 000 u	€ 101.00
E2510-03	5 000 u	€ 500.00

**Color Taq DNA Polymerase**

Color Taq DNA Polymerase kit containing polymerase and dNTPs.

EK2510-01	200 u	€ 33.50
EK2510-04	500 u	€ 75.50
EK2510-02	1 000 u	€ 136.00
EK2510-03	5 000 u	€ 675.00

**Native Taq DNA Polymerase**

Native Taq DNA polymerase for general use (5.0 u/μl).

E2504-01	200 u	€ 31.00
E2504-04	500 u	€ 69.00
E2504-02	1 000 u	€ 122.00
E2504-03	5 000 u	€ 600.00

**Native Taq DNA Polymerase**

Native Taq DNA Polymerase kit containing polymerase and dNTPs.

EK2504-01	200 u	€ 38.00
EK2504-04	500 u	€ 86.50
EK2504-02	1 000 u	€ 157.00
EK2504-03	5 000 u	€ 775.00

**OptiTaq DNA Polymerases****OptiTaq DNA Polymerase**

Proofreading blend of DNA polymerases for any template and long PCR (5.0 u/μl).

E2600-01	200 u	€ 31.00
E2600-04	500 u	€ 69.00
E2600-02	1 000 u	€ 122.00
E2600-03	5 000 u	€ 600.00

**OptiTaq DNA Polymerase**

OptiTaq DNA Polymerase kit containing polymerase and dNTPs.

EK2600-01	200 u	€ 38.00
EK2600-04	500 u	€ 86.50
EK2600-02	1 000 u	€ 157.00
EK2600-03	5 000 u	€ 775.00

**Color OptiTaq DNA Polymerase**

The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.0 u/μl).

E2610-01	200 u	€ 31.00
E2610-04	500 u	€ 69.00
E2610-02	1 000 u	€ 122.00
E2610-03	5 000 u	€ 600.00

**Color OptiTaq DNA Polymerase**

Color OptiTaq DNA Polymerase kit containing polymerase and dNTPs.

EK2610-01	200 u	€ 38.00
EK2610-04	500 u	€ 86.50
EK2610-02	1 000 u	€ 157.00
EK2610-03	5 000 u	€ 775.00



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>Hot Start Taq DNA Polymerases</b>			
<b>Perpetual Taq DNA Polymerase</b>	E2700-01	200 u	€ 68.00
	E2700-04	500 u	€ 154.00
Monoclonal antibody automatic "hot start" PCR system (2.5 u/μl).	E2700-02	1 000 u	€ 261.00
	E2700-03	5 000 u	€ 1239.00
<b>Perpetual Taq DNA Polymerase</b>	EK2700-01	200 u	€ 75.00
	EK2700-04	500 u	€ 171.50
Perpetual Taq DNA Polymerase kit containing polymerase and dNTPs.	EK2700-02	1 000 u	€ 296.00
	EK2700-03	5 000 u	€ 1414.00
<b>Color Perpetual Taq DNA Polymerase</b>	E2710-01	200 u	€ 68.00
	E2710-04	500 u	€ 154.00
The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.0 u/μl).	E2710-02	1 000 u	€ 261.00
	E2710-03	5 000 u	€ 1239.00
<b>Color Perpetual Taq DNA Polymerase</b>	EK2710-01	200 u	€ 75.00
	EK2710-04	500 u	€ 171.50
Color Perpetual Taq DNA Polymerase kit containing polymerase and dNTPs.	EK2710-02	1 000 u	€ 296.00
	EK2710-03	5 000 u	€ 1414.00
<b>tiTaq DNA Polymerase<sup>HOT START</sup></b>	E2715-01	200 u	€ 31.00
	E2715-04	500 u	€ 69.00
New generation "hot start" Taq DNA Polymerase (2.5 u/μl).	E2715-02	1 000 u	€ 122.00
	E2715-03	5 000 u	€ 600.00
<b>tiTaq DNA Polymerase<sup>HOT START</sup></b>	EK2715-01	200 u	€ 38.00
	EK2715-04	500 u	€ 86.50
tiTaq DNA Polymerase kit containing polymerase and dNTPs.	EK2715-02	1 000 u	€ 157.00
	EK2715-03	5 000 u	€ 775.00
<b>Hot Start OptiTaq DNA Polymerases</b>			
<b>Perpetual OptiTaq DNA Polymerase</b>	E2720-01	200 u	€ 79.00
	E2720-04	500 u	€ 179.00
Monoclonal antibody automatic "hot start" proofreading PCR system (2.5 u/μl).	E2720-02	1 000 u	€ 313.00
	E2720-03	5 000 u	€ 1488.00
<b>Perpetual OptiTaq DNA Polymerase</b>	EK2720-01	200 u	€ 86.00
	EK2720-04	500 u	€ 196.50
Perpetual OptiTaq DNA Polymerase kit containing polymerase and dNTPs.	EK2720-02	1 000 u	€ 348.00
	EK2720-03	5 000 u	€ 1663.00
<b>tiOptiTaq DNA Polymerase<sup>HOT START</sup></b>	E2725-01	200 u	€ 40.00
	E2725-04	500 u	€ 90.00
Proofreading blend of DNA polymerases for any template and long PCR, new generation "hot start" technology (2.5 u/μl).	E2725-02	1 000 u	€ 160.00
	E2725-03	5 000 u	€ 755.00
<b>tiOptiTaq DNA Polymerase<sup>HOT START</sup></b>	EK2725-01	200 u	€ 47.00
	EK2725-04	500 u	€ 107.50
tiOptiTaq DNA Polymerase kit containing polymerase and dNTPs.	EK2725-02	1 000 u	€ 195.00
	EK2725-03	5 000 u	€ 930.00
<b>Color Perpetual OptiTaq DNA Polymerase</b>	E2730-01	200 u	€ 79.00
	E2730-04	500 u	€ 179.00
The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.0 u/μl).	E2730-02	1 000 u	€ 313.00
	E2730-03	5 000 u	€ 1488.00
<b>Color Perpetual OptiTaq DNA Polymerase</b>	EK2730-01	200 u	€ 86.00
	EK2730-04	500 u	€ 196.50
Color Perpetual OptiTaq DNA Polymerase kit containing polymerase and dNTPs.	EK2730-02	1 000 u	€ 348.00
	EK2730-03	5 000 u	€ 1663.00



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>Amplus DNA Polymerase</b>			
<b>Amplus DNA Polymerase</b>	E2900-01	100 u	€ 15.50
	E2900-02	500 u	€ 69.00
Amplifies large genomic DNA fragments from 3 kb to over 25 kb and episomal fragments up to 40 kb (5.0 u/μl).			
<b>Amplus DNA Polymerase</b>	EK2900-01	100 u	€ 19.00
	EK2900-02	500 u	€ 86.50
Amplus DNA Polymerase kit containing polymerase and dNTPs.			
<b>tiAmplus DNA Polymerase<sup>HOT START</sup></b>	E2930-01	100 u	€ 23.00
	E2930-02	500 u	€ 105.00
New generation "hot start" Amplus DNA Polymerase (2.5 u/μl).			
<b>tiAmplus DNA Polymerase<sup>HOT START</sup></b>	EK2930-01	100 u	€ 26.00
	EK2930-02	500 u	€ 120.00
tiAmplus DNA Polymerase kit containing polymerase and dNTPs.			
<b>Hybrid DNA Polymerase</b>			
<b>Hybrid DNA Polymerase</b>	E2950-01	100 u	€ 27.00
	E2950-02	500 u	€ 112.00
Extremely thermostable DNA polymerase, enabling efficient high fidelity PCR of genomic targets up to 12 kb and episomal targets up to 20 kb; (2.0 u/μl).			
<b>Hybrid DNA Polymerase</b>	EK2950-01	100 u	€ 29.00
	EK2950-02	500 u	€ 123.00
Hybrid DNA Polymerase kit containing polymerase and dNTPs.			
<b>tiHybrid DNA Polymerase<sup>HOT START</sup></b>	E2940-01	100 u	€ 35.00
	E2940-02	500 u	€ 155.00
Extremely thermostable "hot start" DNA polymerase, enabling efficient high fidelity PCR of genomic targets up to 12 kb and episomal targets up to 20 kb; (2.0 u/μl).			
<b>tiHybrid DNA Polymerase<sup>HOT START</sup></b>	EK2940-01	100 u	€ 37.00
	EK2940-02	500 u	€ 165.00
tiHybrid DNA Polymerase kit containing polymerase and dNTPs.			
<b>Pfu DNA Polymerases</b>			
<b>Pfu DNA Polymerase</b>	E1114-01	100 u	€ 20.00
	E1114-02	500 u	€ 75.00
	E1114-03	2 500 u	€ 370.00
Highly thermostable DNA polymerase for PCR applications requiring high fidelity (proofreading activity); (5.0 u/μl).			
<b>Pfu DNA Polymerase</b>	EK1114-01	100 u	€ 22.00
	EK1114-02	500 u	€ 87.00
	EK1114-03	2 500 u	€ 410.00
Pfu DNA Polymerase kit containing polymerase and dNTPs.			
<b>PfuPlus! DNA Polymerase</b>	E1118-01	100 u	€ 25.00
	E1118-02	500 u	€ 100.00
	E1118-03	2 500 u	€ 465.00
Extremely thermostable proofreading DNA polymerase blend, formulated for efficient site-directed mutagenesis and synthesis of DNA products up to 20 kb (5.0 u/μl).			
<b>PfuPlus! DNA Polymerase</b>	EK1118-01	100 u	€ 27.00
	EK1118-02	500 u	€ 112.00
	EK1118-03	2 500 u	€ 505.00
PfuPlus! DNA Polymerase kit containing polymerase and dNTPs.			
<b>Color PfuPlus! DNA Polymerase</b>	E1110-01	100 u	€ 25.00
	E1110-02	500 u	€ 100.00
	E1110-03	2 500 u	€ 465.00
The enzyme is supplemented with two inert gel tracking dyes (red and yellow), allowing direct loading of PCR products to agarose gels (1.25 u/μl).			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>Color PfuPlus! DNA Polymerase</b>	EK1110-01	100 u	€ 27.00
	EK1110-02	500 u	€ 112.00
Color PfuPlus! DNA Polymerase kit containing polymerase and dNTPs.	EK1110-03	2 500 u	€ 505.00
<b>tiPfuPlus! DNA Polymerase<sup>HOT START</sup></b>	E1119-01	100 u	€ 28.00
	E1119-02	500 u	€ 110.00
New generation "hot start" PfuPlus! DNA Polymerase (5 u/μl).	E1119-03	2 500 u	€ 555.00
<b>tiPfuPlus! DNA Polymerase<sup>HOT START</sup></b>	EK1119-01	100 u	€ 30.00
	EK1119-02	500 u	€ 122.00
tiPfuPlus! DNA Polymerase kit containing polymerase and dNTPs.	EK1119-03	2 500 u	€ 595.00
<b>Thermus DNA Polymerases</b>			
<b>Tfl DNA Polymerase</b>	E1112-01	200 u	€ 50.00
	E1112-02	1 000 u	€ 198.00
Native Thermus flavus DNA polymerase (5.0 u/μl).			
<b>Tfl DNA Polymerase</b>	EK1112-01	200 u	€ 57.00
	EK1112-02	1 000 u	€ 233.00
Tfl DNA Polymerase kit containing polymerase and dNTPs.			
<b>Tth DNA Polymerase</b>	E1115-01	100 u	€ 45.00
	E1115-02	500 u	€ 180.00
Native Thermus thermophilus DNA polymerase (5.0 u/μl).			
<b>Tth DNA Polymerase</b>	EK1115-01	100 u	€ 48.50
	EK1115-02	500 u	€ 197.50
Tth DNA Polymerase kit containing polymerase and dNTPs.			
<b>PCR KITS</b>			
<b>NXT Taq PCR Kit</b>	E2530-01	100 reactions	€ 40.00
	E2530-02	200 reactions	€ 78.00
Ready-to-use solution containing "hot start" NXT Taq DNA Polymerase, reaction buffer, MgCl <sub>2</sub> and dNTPs. NXT Taq PCR Kit is designed for fast-cycling PCR on any thermal cycler.	E2530-03	500 reactions	€ 160.00
<b>Taq PCR Master Mix (2x)</b>	E2520-01	100 reactions	€ 32.00
	E2520-02	200 reactions	€ 60.00
Ready-to-use solution containing Taq DNA Polymerase, optimized reaction buffer, MgCl <sub>2</sub> and dNTPs.	E2520-03	500 reactions	€ 130.00
<b>Perpetual Taq PCR Master Mix (2x)</b>	E2740-01	100 reactions	€ 75.00
	E2740-02	200 reactions	€ 145.00
Ready-to-use solution containing Perpetual Taq DNA Polymerase, antibodies, optimized reaction buffer, MgCl <sub>2</sub> and dNTPs.	E2740-03	500 reactions	€ 290.00
<b>Perpetual OptiTaq PCR Master Mix (2x)</b>	E2770-01	100 reactions	€ 75.00
	E2770-02	200 reactions	€ 145.00
Ready-to-use solution containing Perpetual OptiTaq DNA Polymerase, antibodies, optimized reaction buffer, MgCl <sub>2</sub> and dNTPs.	E2770-03	500 reactions	€ 290.00
<b>OptiTaq PCR Master Mix (2x)</b>	E2910-01	100 reactions	€ 35.00
	E2910-02	200 reactions	€ 65.00
Ready-to-use solution containing OptiTaq DNA Polymerase, optimized reaction buffer, MgCl <sub>2</sub> and dNTPs.	E2910-03	500 reactions	€ 130.00
<b>Color Taq PCR Master Mix (2x)</b>	E2525-01	100 reactions	€ 32.00
	E2525-02	200 reactions	€ 60.00
Ready-to-use solution containing Taq DNA Polymerase, optimized and colored reaction buffer, MgCl <sub>2</sub> and dNTPs.	E2525-03	500 reactions	€ 130.00



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>Color Perpetual Taq PCR Master Mix (2x)</b>	E2745-01	100 reactions	€ 75.00
	E2745-02	200 reactions	€ 145.00
	E2745-03	500 reactions	€ 290.00
Ready-to-use solution containing Perpetual Taq DNA Polymerase, antibodies, optimized and colored reaction buffer, MgCl <sub>2</sub> and dNTPs.			
<b>Color Perpetual OptiTaq PCR Master Mix (2x)</b>	E2775-01	100 reactions	€ 75.00
	E2775-02	200 reactions	€ 145.00
	E2775-03	500 reactions	€ 290.00
Ready-to-use solution containing Perpetual OptiTaq DNA Polymerase, antibodies, optimized and colored reaction buffer, MgCl <sub>2</sub> and dNTPs.			
<b>Color OptiTaq PCR Master Mix (2x)</b>	E2915-01	100 reactions	€ 35.00
	E2915-02	200 reactions	€ 65.00
	E2915-03	500 reactions	€ 130.00
Ready-to-use solution containing OptiTaq DNA Polymerase, optimized and colored reaction buffer, MgCl <sub>2</sub> and dNTPs.			
<b>Amplus PCR Master Mix (2x)</b>	E2920-01	100 reactions	€ 40.00
	E2920-02	500 reactions	€ 160.00
Ready-to-use solution containing Ampus DNA Polymerase, optimized and colored reaction buffer, MgCl <sub>2</sub> and dNTPs.			
<b>Color Amplus PCR Master Mix (2x)</b>	E2925-01	100 reactions	€ 40.00
	E2925-02	500 reactions	€ 160.00
Ready-to-use solution containing Amplus DNA Polymerase, optimized and colored reaction buffer, MgCl <sub>2</sub> and dNTPs.			
<b>Multiplex PCR Master Mix (2x)</b>	E2820-01	50 reactions	€ 60.00
	E2820-02	100 reactions	€ 110.00
Ready-to-use solution for multiplex PCR without the need for optimization.			
<b>Direct Blood PCR Kit</b>	E0950-01	100 reactions	€ 58.00
	E0950-02	500 reactions	€ 232.00
Enables to perform PCR reactions directly from whole blood with no prior DNA extraction or purification.			

## REAL-TIME PCR KITS

<b>SG qPCR Master Mix (2x)</b>	E0401-01	100 reactions	€ 43.00
	E0401-02	200 reactions	€ 82.00
	E0401-03	1 000 reactions	€ 370.00
For quantitative real-time PCR and two-step real-time RT-PCR.			
<b>SG qPCR Master Mix (2x), plus ROX Solution</b>	E0402-01	100 reactions	€ 46.00
	E0402-02	200 reactions	€ 89.00
	E0402-03	1 000 reactions	€ 390.00
For quantitative real-time PCR and two-step real-time RT-PCR. Contains ROX dye.			
<b>SG/ROX qPCR Master Mix (2x)</b>	E0400-01	100 reactions	€ 46.00
	E0400-02	200 reactions	€ 89.00
	E0400-03	1 000 reactions	€ 390.00
For quantitative real-time PCR and two-step real-time RT-PCR. Mix contains ROX dye.			
<b>Blank qPCR Master Mix (2x)</b>	E0403-01	100 reactions	€ 42.00
	E0403-02	200 reactions	€ 80.00
	E0403-03	1 000 reactions	€ 360.00
For quantitative real-time PCR and two-step real-time RT-PCR. The master mix does not contain any dye and allows the user to choose a dye and optimize the dye concentration.			
<b>Blank qPCR Master Mix (2x), plus ROX solution</b>	E0404-01	100 reactions	€ 45.00
	E0404-02	200 reactions	€ 87.00
	E0404-03	1 000 reactions	€ 380.00
For quantitative real-time PCR and two-step real-time RT-PCR. The master mix does not contain any dye and allows the user to choose a dye and optimize the dye concentration. Contains ROX dye.			
<b>Fast SG qPCR Master Mix (2x)</b>	E0411-01	100 reactions	€ 48.00
	E0411-02	200 reactions	€ 90.00
	E0411-03	1 000 reactions	€ 425.00
For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR.			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>Fast SG qPCR Master Mix (2x), plus ROX Solution</b>	E0412-01	100 reactions	€ 51.00
	E0412-02	200 reactions	€ 97.00
For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR. Contains ROX dye.	E0412-03	1 000 reactions	€ 445.00
<b>Fast SG/ROX qPCR Master Mix (2x)</b>	E0413-01	100 reactions	€ 51.00
	E0413-02	200 reactions	€ 97.00
For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR. Mix contains ROX dye.	E0413-03	1 000 reactions	€ 445.00
<b>Probe qPCR Master Mix (2x)</b>	E0420-01	100 reactions	€ 46.00
	E0420-02	200 reactions	€ 89.00
For quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes.	E0420-03	1 000 reactions	€ 390.00
<b>Probe qPCR Master Mix (2x), plus ROX Solution</b>	E0421-01	100 reactions	€ 49.00
	E0421-02	200 reactions	€ 96.00
For quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes. Contains ROX dye.	E0421-03	1 000 reactions	€ 410.00
<b>Fast Probe qPCR Master Mix (2x)</b>	E0422-01	100 reactions	€ 46.00
	E0422-02	200 reactions	€ 89.00
For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes.	E0422-03	1 000 reactions	€ 390.00
<b>Fast Probe qPCR Master Mix (2x), plus ROX Solution</b>	E0423-01	100 reactions	€ 49.00
	E0423-02	200 reactions	€ 96.00
For fast-cycling quantitative real-time PCR and two-step real-time RT-PCR using sequence-specific probes. Contains ROX dye.	E0423-03	1 000 reactions	€ 410.00
<b>MP qPCR Master Mix (2x)</b>	E0424-01	100 reactions	€ 46.00
	E0424-02	200 reactions	€ 89.00
For quantitative multiplex real-time PCR and two-step real-time RT-PCR using sequence-specific probes.	E0424-03	1 000 reactions	€ 390.00
<b>MP qPCR Master Mix (2x), plus ROX Solution</b>	E0425-01	100 reactions	€ 49.00
	E0425-02	200 reactions	€ 96.00
For quantitative multiplex real-time PCR and two-step real-time RT-PCR using sequence-specific probes. Contains ROX dye.	E0425-03	1 000 reactions	€ 410.00
<b>dNTPs/rNTPs</b>			
<b>10 mM Ultrapure dNTPs Set</b>	E0501-01	4 x 200 µl	€ 8.00
	E0501-02	4 x 1 ml	€ 40.00
Ultrapure set of dNTPs contains 4 separate 10 mM solutions of dATP, dCTP, dGTP and dTTP.	E0502-01	4 x 200 µl	€ 50.00
<b>100 mM Ultrapure dNTPs Set</b>	E0502-02	4 x 1 ml	€ 235.00
Ultrapure set of dNTPs contains 4 separate 100 mM solutions of dATP, dCTP, dGTP and dTTP.	E0503-01	1 ml	€ 50.00
<b>10 mM Ultrapure dNTPs Mix</b>	E0503-02	5 x 1 ml	€ 200.00
Mix of dNTPs contains dATP, dCTP, dGTP and dTTP in concentration of 10 mM each.	E0601-01	4 x 200 µl	€ 35.00
<b>100 mM Ribo-Nucleotides Set</b>	E0601-02	4 x 1 ml	€ 150.00
Ultrapure set of rNTPs contains 4 separate 100 mM solutions of rATP, rCTP, rGTP and rUTP.			
<b>PROTEINS &amp; CHEMICALS FOR PCR</b>			
<b>Gp 32 Protein</b>	E1170-01	100 µg	€ 54.00
	E1170-02	500 µg	€ 225.00
Single-stranded DNA Binding Protein of T4 bacteriophage.	E4200-01	100 µg	€ 45.00
<b>Single-stranded DNA Binding Protein</b>	E4200-02	500 µg	€ 180.00
Single-stranded DNA Binding Protein from Escherichia coli.			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>Taq Single-stranded DNA Binding Protein</b>	E4300-01	50 µg	€ 45.00
	E4300-02	250 µg	€ 180.00
Single-stranded DNA Binding Protein from <i>Thermus aquaticus</i> .			
<b>Uracil - N - Glycosylase (UNG)</b>	E1250-01	500 u	€ 49.00
Eliminates uracil from DNA molecules, prevents carryover contamination between reactions.			
<b>Thermolabile Uracil - N - Glycosylase (UNG)</b>	E1251-01	500 u	€ 49.00
Eliminates uracil from DNA molecules. Heat inactivation (5 minutes at 50°C).			
<b>HEXAMERS &amp; OLIGONUCLEOTIDES</b>			
<b>Random Hexamer Primers</b>	E0101-01	20 µg	€ 25.00
A mixture of single-stranded random hexonucleotides with 5' and 3' - hydroxyl ends (5' NNNNNN 3').			
<b>Oligo(dT)<sub>20</sub> Primers</b>	E0105-01	25 µg	€ 50.00
The solution of oligonucleotides composed of 20 deoxythymidylic acid residues.			
<b>TRANSCRIPTION KITS</b>			
<b>T7 transcription kit</b>	E0901-01	25 reactions	€ 100.00
	E0901-02	50 reactions	€ 180.00
T7 transcription kit with modified T7 RNA Polymerase for higher tolerance towards modified nucleotides.			
<b>Apt-Get 2'-F T7 Transcription Kit 2'-Fluoro-Pyrimidine Set</b>	E0905-01	25 reactions	€ 100.00
	E0905-02	50 reactions	€ 180.00
T7 transcription kit for synthesis of nuclease-resistant RNA.			
<b>REVERSE TRANSCRIPTASES</b>			
<b>AMV Reverse Transcriptase Native</b>	E1372-01	500 u	€ 68.00
	E1372-02	2 500 u	€ 272.00
Native RNA dependent DNA polymerase from Avian Myeloblastosis Virus.			
<b>HIV Reverse Transcriptase</b>	E1373-01	500 u	€ 270.00
	E1373-02	2 500 u	€ 1080.00
RNA dependent DNA polymerase from Human Immunodeficiency Virus.			
<b>Tth Reverse Transcriptase</b>	E1374-01	100 u	€ 72.00
	E1374-02	500 u	€ 288.00
RNA dependent DNA polymerase from <i>Thermus thermophilus</i> , active at elevated temperatures.			
<b>REVERSE TRANSCRIPTION CHEMICALS &amp; KITS</b>			
<b>NG dART RT kit</b>	E0801-01	25 reactions	€ 50.00
	E0801-02	100 reactions	€ 165.00
	E0801-03	50 reactions	€ 90.00
New Generation! For amplification of DNA from any RNA with high specificity and sensitivity in a two-step process.			
<b>NG dART RT-PCR kit</b>	E0802-01	25 reactions	€ 55.00
	E0802-02	100 reactions	€ 185.00
New Generation! For amplification of DNA from any RNA with high specificity and sensitivity in a two-step process cDNA template is used to amplify ds DNA of interest using high fidelity OptiTaq DNA Polymerase.			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>OneStep RT-PCR kit</b>	E0803-01	25 reactions	€ 60.00
	E0803-02	100 reactions	€ 230.00
For amplification of DNA from any RNA with high specificity and sensitivity in single tube.			
<b>SG OneStep qRT-PCR kit</b>	E0810-01	25 reactions	€ 25.00
	E0810-02	100 reactions	€ 100.00
Universal solution for quantitative real-time RT-PCR in single tube.			
<b>SG OneStep qRT-PCR kit, plus ROX solution</b>	E0811-01	25 reactions	€ 28.00
	E0811-02	100 reactions	€ 106.00
Universal solution for quantitative real-time RT-PCR in single tube with reference ROX dye.			
<b>Ribonuclease Inhibitor</b>	E4210-01	7 500 u	€ 95.00
	E4210-02	37 500 u	€ 380.00
Ribonuclease inhibitor suitable for use in enzymatic reactions (RNase-free).			
<b>Vertel</b>			
<b>Placental Ribonuclease Inhibitor</b>	E4215-01	2 000 u	€ 48.00
	E4215-02	10 000 u	€ 190.00
Recombinant human placental protein which specifically inhibits ribonucleases A, B and C.			
2. MOLECULAR WEIGHT MARKERS			
PROTEIN MOLECULAR WEIGHT MARKERS			
<b>Perfect™ Color Protein Ladder</b>	E3215-01	50 loadings	€ 55.00
Prestained protein ladder for sizing polypeptides ranging from 7 kDa to 240 kDa (7, 15, 20, 25, 35, 50, 70, 100, 140, 240 kDa).			
<b>Perfect™ Tricolor Protein Ladder</b>	E3210-01	50 loadings	€ 55.00
Prestained protein ladder for sizing polypeptides ranging from 11 kDa to 245 kDa (11, 17, 20, 25, 35, 48, 63, 75, 100, 135, 180, 245 kDa).			
DNA MOLECULAR WEIGHT MARKERS			
<b>Perfect Plus™ 50-500 bp DNA Ladder</b>	E3145-01	100 loadings	€ 55.00
	E3145-02	500 loadings	€ 220.00
Ready to use ladder for sizing small DNA fragments from 50 to 500 bp (50, 100, 250, 400, 500 bp).			
<b>Perfect Plus™ 2 kb DNA Ladder</b>	E3140-01	100 loadings	€ 55.00
	E3140-02	500 loadings	€ 220.00
Ready to use DNA ladder for sizing DNA fragments from 50 - 2000 bp (50, 150, 300, 500, 750, 1000, 1500, 2000 bp).			
<b>Perfect Plus™ Molecular Weight Quantitative DNA</b>	E3161-01	100 loadings	€ 55.00
	E3161-02	500 loadings	€ 220.00
Ready to use DNA ladder for sizing and quantifying DNA fragments from 100 to 5000 bp (100, 250, 500, 750, 1000, 1500, 2000, 5000 bp).			
<b>Perfect™ 100 bp DNA Ladder</b>	E3134-01	50 µg	€ 45.00
	E3134-02	250 µg	€ 180.00
Ready to use DNA ladder for sizing DNA fragments from 100 to 2500 bp (100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500, 2000, 2500 bp).			
<b>Perfect™ 100-1000 bp DNA Ladder</b>	E3141-01	50 µg	€ 45.00
	E3141-02	250 µg	€ 180.00
Ready to use DNA ladder for sizing DNA fragments from 100 to 1000 bp (100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 bp).			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>Perfect™ 1 kb DNA Ladder</b>	E3130-01	100 µg	€ 36.00
	E3130-02	500 µg	€ 144.00
Ready to use DNA ladder for sizing DNA fragments from 500 to 10000 bp (500, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000 bp).			
<b>Perfect Plus™ 1 kb DNA Ladder</b>	E3131-01	100 µg	€ 39.00
	E3131-02	500 µg	€ 156.00
Ready to use DNA ladder for sizing DNA fragments from 250 to 10000 bp (250, 500, 750, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000 bp).			
<b>Lambda DNA/HindIII Marker</b>	E3150-01	100 µg	€ 25.00
	E3150-02	500 µg	€ 115.00
Ready to use DNA ladder with fragments: 125 bp, 564 bp, 2027 bp, 2322 bp, 4361 bp, 6575 bp, 9416 bp, 23130 bp.			
<b>FLUORESCENT-LABELED DNA MOLECULAR WEIGHT MARKERS</b>			
<b>GENEFLO™ 625 DNA ladder, ROX Labeled</b>	E3125-01	100 loadings	€ 50.00
	E3125-02	800 loadings	€ 250.00
Fluorescent-labeled DNA ladder for use with ABI PRISM™ genetic analysers. Contains ROX dye.			
<b>GENEFLO™ 625 DNA ladder, TAMRA Labeled</b>	E3126-01	100 loadings	€ 50.00
	E3126-02	800 loadings	€ 250.00
Fluorescent-labeled DNA ladder for use with ABI PRISM™ genetic analysers. Contains TAMRA dye.			
<b>3. MESOTHERMAL POLYMERASES</b>			
<b>DNA Polymerase Alpha</b>	E1075-01	50 u	€ 270.00
	E1075-02	200 u	€ 920.00
Human DNA Polymerase.			
<b>DNA Polymerase Gamma</b>	E1076-01	50 u	€ 270.00
	E1076-02	200 u	€ 920.00
Human DNA Polymerase.			
<b>DNA Polymerase Beta</b>	E1077-01	50 u	€ 210.00
	E1077-02	200 u	€ 720.00
Human DNA Polymerase.			
<b>Bst DNA Polymerase exo-</b>	E1078-01	100 u	€ 12.00
	E1078-02	500 u	€ 48.00
Large exonuclease free fragment of thermophilic Bst DNA Polymerase with strand displacement activity.			
<b>DNA Polymerase I</b>	E1080-01	500 u	€ 45.00
	E1080-02	2 500 u	€ 180.00
DNA-dependent DNA polymerase with inherent 3'→5' and 5'→3' exonuclease activity (E. coli).			
<b>Klenow Fragment</b>	E1091-01	200 u	€ 45.00
	E1091-02	1 000 u	€ 180.00
Large fragment of E. coli DNA Polymerase I (polymerase and proofreading 3'→5' exonuclease activities).			
<b>Klenow Fragment exo-</b>	E1092-01	200 u	€ 45.00
	E1092-02	1 000 u	€ 180.00
Large fragment of E. coli DNA Polymerase I (lacks 3'→5' exonuclease and 5'→3' exonuclease activities).			
<b>Poly (A) Polymerase</b>	E1240-01	40 u	€ 50.00
	E1240-02	200 u	€ 198.00
Poly (A) Polymerase is E. coli derived polymerase, polyadenylating 3' termini of RNA.			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>T4 DNA Polymerase</b>	E1100-01	200 u	€ 54.00
	E1100-02	1 000 u	€ 216.00
T4 DNA Polymerase exhibits very strong 3'→5' exonuclease activity.			
<b>T7 RNA Polymerase</b>	E1290-01	5 000 u	€ 68.00
	E1290-02	25 000 u	€ 225.00
Modified T7 RNA Polymerase with higher tolerance towards modified nucleotides.			
<b>Terminal Deoxynucleotidyl Transferase</b>	E1390-01	300 u	€ 50.00
	E1390-02	1 500 u	€ 198.00
Catalyzes the addition of deoxyribonucleotide monophosphate from triphosphate to the 3' hydroxyl terminus of DNA.			

#### 4. NUCLEASES

<b>OMNI Nuclease</b>	E1120-01	20 000 u	€ 30.00
	E1120-02	100 000 u	€ 135.00
Nonspecific nuclease that completely degrades all forms of DNA and RNA.			
<b>DNase I (RNase-free)</b>	E1345-01	1 000 u	€ 50.00
	E1345-02	5 000 u	€ 240.00
Nonspecific DNase that degrades both double-stranded and single-stranded DNA endonucleolytically.			
<b>RNase I</b>	E1300-01	10 000 u	€ 63.00
	E1300-02	50 000 u	€ 252.00
Completely nonspecific RNase that hydrolyzes phosphodiester bond after all four bases.			
<b>RNase III</b>	E1340-01	200 u	€ 98.00
	E1340-02	1 000 u	€ 392.00
Cleaves long double-stranded RNA (dsRNA) into short dsRNAs (13-30 bases).			
<b>RNase A (DNase-free)</b>	E1350-01	10 mg (1 ml)	€ 23.00
	E1350-02	50 mg (5 ml)	€ 95.00
Endoribonuclease that attacks at the 3' phosphate of a pyrimidine nucleotide.			
<b>RNase H</b>	E1330-01	250 u	€ 49.50
	E1330-02	1 250 u	€ 198.00
Endonuclease that selectively cleaves the RNA of RNA-DNA hybrids.			
<b>Exonuclease I</b>	E1150-01	4 000 u	€ 45.00
	E1150-02	20 000 u	€ 180.00
Catalyzes the removal of nucleotides from single-stranded DNA in the 3' to 5' direction.			
<b>Exonuclease III</b>	E1140-01	25 000 u	€ 45.00
	E1140-02	125 000 u	€ 180.00
Exonuclease III is a 3'→5' exonuclease, releasing 5'-mononucleotides from the 3'-ends of DNA strands.			
<b>Exonuclease T5</b>	E1130-01	1 000 u	€ 45.00
	E1130-02	5 000 u	€ 180.00
Catalyzes the removal of nucleotides from dsDNA and ssDNA in the 5' to 3' direction.			
<b>Lambda Exonuclease</b>	E1180-01	1 000 u	€ 45.00
	E1180-02	5 000 u	€ 180.00
Double-stranded specific DNase, digests one DNA strand starting from 5' terminus.			
<b>Mung Bean Nuclease</b>	E1190-01	2 000 u	€ 45.00
	E1190-02	10 000 u	€ 180.00
Single-stranded specific DNA and RNA endonuclease.			
<b>S1 Nuclease</b>	E1335-01	10 000 u	€ 36.00
	E1335-02	50 000 u	€ 141.00
Non-specific endonuclease, active primarily on single-stranded DNA and RNA.			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>5. LIGASES</b>			
<b>DNA Ligase (E. coli)</b>	E1065-01	500 u	€ 113.00
	E1065-02	2 500 u	€ 450.00
<b>T4 DNA Ligase (E. coli infected with bacteriophage T4)</b>	E1060-01	20 000 u	€ 54.00
	E1060-02	100 000 u	€ 216.00
<b>Taq DNA Ligase (Thermus aquaticus)</b>	E1070-01	1 000 u	€ 36.00
	E1070-02	5 000 u	€ 144.00
<b>6. SPECIAL PURPOSE ENZYMES &amp; REAGENTS</b>			
<b>DNA Modification</b>			
<b>Alkaline Phosphatase (Calf Intestinal)</b>	E1025-01	1 000 u	€ 45.00
	E1025-02	5 000 u	€ 180.00
Calf intestine derived phosphatase which catalyzes the the removal of 5'-phosphate from DNA.			
<b>Polar - BAP Thermosensitive Alkaline Phosphatase</b>	E1027-01	1 000 u	€ 48.00
	E1027-02	5 000 u	€ 235.00
Catalyzes the removal of 5'-phosphate from DNA and RNA. Heat inactivation (5 minutes at 70°C).			
<b>Fast Polar - BAP Thermosensitive Alkaline Phosphatase</b>	E1028-01	1 000 u	€ 58.00
	E1028-02	5 000 u	€ 280.00
Catalyzes the removal of 5'-phosphate from DNA and RNA. Heat inactivation (5 minutes at 70°C), short reaction time.			
<b>T4 Polynucleotide Kinase</b>	E1261-01	1 000 u	€ 68.00
	E1261-02	5 000 u	€ 272.00
Catalyzes the phosphorylation of 5' hydroxyl termini of ds and ss DNA or RNA.			
<b>Thermophilic Pyrophosphatase (Thermus aquaticus)</b>	E1267-01	50 u	€ 68.00
	E1267-02	250 u	€ 272.00
Thermostable pyrophosphatase, hydrolyzing inorganic pyrophosphate into phosphate.			
<b>Rec A Protein (E. coli)</b>	E1370-01	0.2 mg	€ 62.00
	E1370-02	1 mg	€ 245.00
Recombinated protein that enhances interaction and exchange of homologous DNA strands.			
<b>Endocyclase N15 (Protelomerase N15)</b>	E4410-01	50 u	€ 89.00
	E4410-02	250 u	€ 398.00
Catalyzes formation of covalent links between complementary DNA 5'- and 3'- ends (hairpin).			
<b>DNA Replication</b>			
<b>SV40 Large Antigen</b>	E5800-01	20 µg	€ 170.00
	E5800-02	100 µg	€ 650.00
The major regulatory protein of SV40 virus.			
<b>SV40 DNA Replication Assay Kit</b>	E8050-01	20 reactions	€ 350.00
The best model for mammalian chromosomal DNA replication in vitro.			
<b>COT DNA</b>			
<b>Human COT DNA</b>	E4110-01	0.5 mg	€ 95.00
	E4110-02	2 mg	€ 360.00
Human placenta COT DNA optimized for a size range of 50 to 300 bp.			
<b>Uncut Human Placental DNA</b>	E4111-01	0.5 mg	€ 95.00
	E4111-02	2 mg	€ 360.00



PRODUCT NAME & DESCRIPTION	CAT. NUMBER	PACKAGE	PRICE
<b>DNA - precipitation &amp; visualisation</b>			
<b>Vivid Violet DNA/ RNA Co-Precipitate</b>	E4502-01	250 µl	€ 45.00
<b>SimplySafe™</b>	E4600-01	1 ml	€ 48.00
New and safe nucleic acid stain, an alternative to the traditional ethidium bromide stain.			
<b>Enzyme stabilizing agents</b>			
<b>Bovine Serum Albumin</b>	E4020-01	75 mg	€ 45.00
	E4020-02	375 mg	€ 180.00
BSA acetylated to inactivate contaminating nucleases, used as a supplement in biochemical reactions.			
<b>Agarases</b>			
<b>Agarase</b>	E4800-01	100 u	€ 50.00
	E4800-02	500 u	€ 180.00
Allows for a simple, quantitative recovery of intact nucleic acids from agarose gels.			
<b>7. BUFFERS &amp; SOLUTIONS (Molecular Biology Grade)</b>			
<b>RNase-free water</b>	E0210-01	5 x 1.5 ml	€ 18.00
	E0210-02	5 x 5.0 ml	€ 31.00
	E0210-03	500 ml	€ 39.00
<b>PCR water</b>	E0211-01	5 x 1.5 ml	€ 25.00
	E0211-02	10 x 1.5 ml	€ 45.00
Ultrapure, sterile, deionized, double distilled and prealiquoted water.			
<b>Nuclease-free water, not DEPC treated</b>	E0212-01	100 ml	€ 18.00
	E0212-02	1 l	€ 48.00
For DNA targeted reactions such as PCR, ligation and restriction digestions.			
<b>50 x TAE</b>	E0220-01	500 ml	€ 30.00
	E0220-02	1 l	€ 50.00
<b>5 x TBE</b>	E0230-01	1 l	€ 20.00
	E0230-02	5 x 1 l	€ 90.00
<b>0.5 M EDTA pH 8.0</b>	E0240-01	100 ml	€ 16.00
	E0240-02	500 ml	€ 25.00
	E0240-03	1 l	€ 45.00
<b>1 x TE pH 8.0</b>	E0250-01	500 ml	€ 16.00
	E0250-02	1 l	€ 22.00
	E0250-03	5 x 1 l	€ 100.00
<b>1M Tris-HCl pH 6.8</b>	E0270-01	1 l	€ 35.00
<b>1M Tris-HCl pH 7.0</b>	E0271-01	1 l	€ 35.00
<b>1M Tris-HCl pH 7.5</b>	E0272-01	1 l	€ 35.00
<b>1M Tris-HCl pH 8.0</b>	E0273-01	1 l	€ 35.00
<b>1M Tris-HCl pH 8.8</b>	E0274-01	1 l	€ 35.00
<b>5 x TG</b>	E0254-01	500 ml	€ 30.00
	E0254-02	1 l	€ 55.00
<b>5 x TGS</b>	E0255-01	500 ml	€ 30.00
	E0255-02	1 l	€ 55.00
<b>1 x PBS</b>	E0281-01	500 ml	€ 12.00
	E0281-02	1 l	€ 20.00
<b>1 x PBS (without Mg and Ca ions)</b>	E0282-01	500 ml	€ 10.00
	E0282-02	1 l	€ 18.00



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>6 x Loading Buffer BLUE</b> For loading a DNA sample on agarose and polyacrylamide gels.	E0260-01	5 x 1 ml	€ 25.00
<b>6 x Loading Buffer RED</b> For loading a DNA sample on agarose and polyacrylamide gels.	E0261-01	5 x 1 ml	€ 25.00
<b>6 x Loading Buffer GREEN</b> For loading a DNA sample on agarose and polyacrylamide gels.	E0262-01	5 x 1 ml	€ 25.00
<b>6 x Loading Buffer YELLOW</b> For loading a DNA sample on agarose and polyacrylamide gels.	E0263-01	5 x 1 ml	€ 25.00
<b>Extraction Buffer (CTAB based)</b> For quick and efficient lysis of plant cells.	E0290-01	1 l	€ 50.00
<b>4 x Protein Loading Buffer</b> SDS-PAGE sample buffer, without β-mercaptoethanol.	E0268-01	5 x 1 ml	€ 25.00
<b>4 x Protein Loading Buffer Plus</b> SDS-PAGE sample buffer, with β-mercaptoethanol.	E0269-01	5 x 1 ml	€ 25.00

## 8. XELEX KITS

Aptamers allow distinct molecules to bind to target structures with high specificity and affinity by non-covalent molecular interactions (with respect to certain features aptamers resemble antibodies). Aptamer selection against a broad range of target structures is possible, including proteins, polysaccharides, various large and small organic molecules (drug compounds) and even small metal ions.

### XELEX kits for aptamer in vitro evolution and selection.

<b>XELEX DNA CORE Kit (Combo)</b>	E3650-01	50 sel. / 25 anal.	€ 245.00
XELEX DNA CORE Kit (Selection unit)	E3651-01	50 selections	€ 155.00
XELEX DNA CORE Kit (Analysis unit)	E3652-01	25 analysis	€ 100.00

## 9. PROTEASES, ENZYMES & REAGENTS FOR PROTEOMICS

<b>Proteinase K</b> Solution 20 mg/ml.	E4350-01	1 ml	€ 20.00
	E4350-02	5 x 1 ml	€ 90.00
<b>Sortase A</b> Protein-protein ligase/ transpeptidase.	E4400-01	20 µg	€ 75.00
<b>TEV Protease</b> A cysteine protease that specifically recognizes and cleaves a linear epitope.	E4310-01	1 000 u	€ 60.00
	E4310-02	10 000 u	€ 540.00
<b>Lysozyme</b> Improves bacterial cell lysis (10 mg/ml).	E4320-01	1 ml	€ 25.00
	E4320-02	5 x 1 ml	€ 120.00





PRODUCT NAME & DESCRIPTION				CAT.NUMBER	PACKAGE	PRICE
<b>10. RESTRICTION ENDONUCLEASES</b>						
Enzyme	Prototype	Reaction temperature	Recognition sequence	Catalog number	Package	Price
<b>AccI</b>	<b>AccI</b>	37°C	GT / MKAC	E2004-01	500 u	€ 50.00
				E2004-02	2 500 u	€ 200.00
<b>AcvI</b>	<b>PmaCI</b>	37°C	CAC / GTG	E2005-01	1 500 u	€ 36.00
				E2005-02	7 500 u	€ 143.00
<b>AluI</b>	<b>AluI</b>	37°C	AG / CT	E2010-01	500 u	€ 33.00
				E2010-02	2 500 u	€ 130.00
<b>ApaI</b>	<b>ApaI</b>	25°C	GGGCC / C	E2015-01	5 000 u	€ 45.00
				E2015-02	25 000 u	€ 180.00
<b>AvaI</b>	<b>AvaI</b>	37°C	C / YCGRG	E2006-01	2 000 u	€ 36.00
				E2006-02	10 000 u	€ 143.00
<b>AvuI</b>	<b>AvuI</b>	37°C	G / GWCC	E2007-01	1 000 u	€ 39.00
				E2007-02	5 000 u	€ 156.00
<b>BalI</b>	<b>BalI</b>	37°C	TGG / CCA	E2008-01	250 u	€ 57.00
				E2008-02	1 250 u	€ 228.00
<b>BamHI</b>	<b>BamHI</b>	37°C	G / GATCC	E2050-01	10 000 u	€ 36.00
				E2050-02	50 000 u	€ 143.00
<b>BanII</b>	<b>HgiII</b>	37°C	GRGCY / C	E2060-01	1 000 u	€ 41.00
				E2060-02	5 000 u	€ 162.00
<b>BglI</b>	<b>BglI</b>	37°C	GCCN>NNN / NGGC	E2080-01	2 000 u	€ 36.00
				E2080-02	10 000 u	€ 143.00
<b>BglIII</b>	<b>BglIII</b>	37°C	A / GATCT	E2090-01	2 000 u	€ 36.00
				E2090-02	10 000 u	€ 143.00
<b>BsiHKCI</b>	<b>AvaI</b>	65°C	C / YCGRG	E2109-01	10 000 u	€ 41.00
				E2109-02	50 000 u	€ 162.00
<b>BssHII</b>	<b>BsePI</b>	50°C	G / CGCGC	E2115-01	200 u	€ 41.00
				E2115-02	1 000 u	€ 162.00
<b>BstXI</b>	<b>BstXI</b>	50°C	CCANNNNN / NTGG	E2118-01	1 000 u	€ 41.00
				E2118-02	5 000 u	€ 162.00
<b>Clal</b>	<b>Clal</b>	37°C	AT / CGAT	E2110-01	1 000 u	€ 46.00
				E2110-02	5 000 u	€ 184.00
<b>Vertel</b>						
<b>CviII</b>	<b>CviII</b>	37°C	RG / CY	E2125-01	100 u	€ 113.00
				E2125-02	400 u	€ 360.00
<b>CviII*</b>	<b>CviII*</b>	37°C	G / C except YG / CR	E2126-01	100 u	€ 149.00
				E2126-02	400 u	€ 475.00
<b>DdeI</b>	<b>DdeI</b>	37°C	C / TNAG	E2140-01	500 u	€ 50.00
				E2140-02	2 500 u	€ 200.00
<b>DpnI</b>	<b>DpnI</b>	37°C	GA / TC	E2135-01	500 u	€ 35.00
				E2135-02	2 500 u	€ 135.00
<b>DraI</b>	<b>AhaIII</b>	37°C	TTT / AAA	E2145-01	2 000 u	€ 33.00
				E2145-02	10 000 u	€ 130.00
<b>EcoRI</b>	<b>EcoRI</b>	37°C	G / AATTC	E2150-01	10 000 u	€ 33.00
				E2150-02	50 000 u	€ 130.00
<b>EcoRV</b>	<b>EcoRV</b>	37°C	GAT / ATC	E2160-01	2 000 u	€ 33.00
				E2160-02	10 000 u	€ 130.00
<b>FokI</b>	<b>FokI</b>	37°C	GGATG (9/13)	E2170-01	500 u	€ 36.00
				E2170-02	2 500 u	€ 143.00



PRODUCT NAME & DESCRIPTION				CAT.NUMBER	PACKAGE	PRICE
HaeIII	HaeIII	37°C	GG / CC	E2180-01	3 000 u	€ 33.00
				E2180-02	15 000 u	€ 130.00
HhaI	HhaI	37°C	GCG / C	E2190-01	2 000 u	€ 50.00
				E2190-02	10 000 u	€ 200.00
HincII	HindII	37°C	GTY / RAC	E2200-01	1 000 u	€ 36.00
				E2200-02	5 000 u	€ 143.00
HindIII	HindIII	37°C	A / AGCTT	E2220-01	10 000 u	€ 33.00
				E2220-02	50 000 u	€ 130.00
HinfI	HinfI	37°C	G / ANTC	E2240-01	5 000 u	€ 36.00
				E2240-02	25 000 u	€ 143.00
HpaI	HpaI	37°C	GTT / AAC	E2250-01	500 u	€ 33.00
				E2250-02	2 500 u	€ 130.00
HpaII	HpaII	37°C	C / CGG	E2260-01	2 000 u	€ 33.00
				E2260-02	10 000 u	€ 130.00
KpnI	KpnI	37°C	GGTAC / C	E2280-01	3 000 u	€ 36.00
				E2280-02	15 000 u	€ 143.00
MboI	MboI	37°C	/ GATC	E2283-01	200 u	€ 36.00
				E2283-02	1 000 u	€ 143.00
MboII	MboII	37°C	GAAGA (8/7)	E2284-01	250 u	€ 36.00
				E2284-02	1 250 u	€ 143.00
MluI	MluI	37°C	A / CGCGT	E2287-01	1 000 u	€ 36.00
				E2287-02	5 000 u	€ 143.00
MnII	MnII	37°C	CCTC (7/6)	E2289-01	250 u	€ 36.00
				E2289-02	1 250 u	€ 143.00
MspI	HpaII	37°C	C / CGG	E2290-01	5 000 u	€ 36.00
				E2290-02	25 000 u	€ 143.00
NarI	NarI	37°C	GG / CGCC	E2291-01	200 u	€ 36.00
				E2291-02	1 000 u	€ 143.00
NcoI	NcoI	37°C	C / CATGG	E2292-01	1 000 u	€ 36.00
				E2292-02	5 000 u	€ 143.00
NdeI	NdeI	37°C	CA / TATG	E2293-01	500 u	€ 25.00
				E2293-02	2 500 u	€ 100.00
NheI	NheI	37°C	G / CTAGT	E2294-01	500 u	€ 25.00
				E2294-02	2 500 u	€ 100.00
NotI	NotI	37°C	GC / GGCCGC	E2295-01	500 u	€ 45.00
				E2295-02	2 500 u	€ 179.00
NotI	NotI	37°C	GC / GGCCGC	E2296-01	500 u	€ 50.00
				E2296-02	2 500 u	€ 200.00
NruI	NruI	37°C	TCG / CGA	E2297-01	1 000 u	€ 36.00
				E2297-02	5 000 u	€ 143.00
NsiI	NsiI	37°C	ATGCA / T	E2298-01	1 000 u	€ 50.00
				E2298-02	5 000 u	€ 200.00
PnaI	AgeI	37°C	A / CCGGT	E2299-01	200 u	€ 55.00
				E2299-02	1 000 u	€ 217.00
PstI	PstI	37°C	CTGCA / G	E2300-01	10 000 u	€ 41.00
				E2300-02	50 000 u	€ 162.00
PvuI	PvuI	37°C	CGAT / CG	E2320-01	200 u	€ 33.00
				E2320-02	1 000 u	€ 130.00
PvuII	PvuII	37°C	CAG / CTG	E2330-01	5 000 u	€ 36.00
				E2330-02	25 000 u	€ 143.00
PvuII	PvuII	37°C	CAG / CTG	E2331-01	5 000 u	€ 41.00
				E2331-02	25 000 u	€ 162.00



PRODUCT NAME & DESCRIPTION				CAT.NUMBER	PACKAGE	PRICE
Rsal	Rsal	37°C	GT / AC	E2340-01	1 000 u	€ 36.00
				E2340-02	5 000 u	€ 143.00
RsrII	RsrII	37°C	CG / GWCCG	E2342-01	100 u	€ 36.00
				E2342-02	500 u	€ 143.00
Sacl	Sacl	37°C	GAGCT / C	E2350-01	2 000 u	€ 36.00
				E2350-02	10 000 u	€ 143.00
SacII	SacII	37°C	CCGC / GG	E2352-01	2 000 u	€ 36.00
				E2352-02	10 000 u	€ 143.00
Sall	Sall	37°C	G / TCGAC	E2370-01	2 000 u	€ 36.00
				E2370-02	10 000 u	€ 143.00
Sall	Sall	37°C	G / TCGAC	E2371-01	2 000 u	€ 41.00
				E2371-02	10 000 u	€ 162.00
Sau3AI	Mbol	37°C	/ GATC	E2375-01	200 u	€ 41.00
				E2375-02	1 000 u	€ 162.00
Scal	Scal	37°C	AGT / ACT	E2378-01	1 000 u	€ 36.00
				E2378-02	5 000 u	€ 143.00
Scal	Scal	37°C	AGT / ACT	E2379-01	1 000 u	€ 41.00
				E2379-02	5 000 u	€ 162.00
Sfil	Sfil	50°C	GGCCNNNN / NGGCC	E2380-01	2 000 u	€ 41.00
				E2380-02	10 000 u	€ 162.00
SmaI	SmaI	25°C	CCC / GGG	E2390-01	2 000 u	€ 36.00
				E2390-02	10 000 u	€ 143.00
SpeI	SpeI	37°C	A / CTAGT	E2398-01	500 u	€ 41.00
				E2398-02	2 500 u	€ 162.00
SphI	SphI	37°C	GCATG / C	E2400-01	250 u	€ 36.00
				E2400-02	1 250 u	€ 143.00
SspI	SspI	37°C	AAT / ATT	E2402-01	1 000 u	€ 41.00
				E2402-02	5 000 u	€ 162.00
StuI	StuI	37°C	AGG / CCT	E2405-01	1 000 u	€ 36.00
				E2405-02	5 000 u	€ 143.00
TaqI	TaqI	65°C	T / CGA	E2410-01	4 000 u	€ 36.00
				E2410-02	20 000 u	€ 143.00
TaqII	TaqII	65°C	GACCGA (11/9)	E2411-01	100 u	€ 81.00
				E2411-02	500 u	€ 324.00
TspDTI	TspDTI	70°C	ATGAA (11/9)	E2502-01	50 u	€ 81.00
				E2502-02	250 u	€ 324.00
TspGWI	TspGWI	70°C	ACGGA (11/9)	E2501-01	50 u	€ 81.00
				E2501-02	250 u	€ 324.00
Tth111I	Tth111I	65°C	GACN / NNGTC	E2420-01	1 000 u	€ 45.00
				E2420-02	5 000 u	€ 180.00
XbaI	XbaI	37°C	T / CTAGA	E2430-01	3 000 u	€ 36.00
				E2430-02	15 000 u	€ 143.00
XhoI	XhoI	37°C	C / TCGAG	E2440-01	4 000 u	€ 36.00
				E2440-02	20 000 u	€ 143.00



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>11. RNA &amp; DNA PURIFICATION SYSTEMS</b>			
<b>RNA PURIFICATION SYSTEMS</b>			
<b>GeneMATRIX HUMAN BLOOD RNA Purification Kit</b>	E3596-01	25 preps	€ 58.00
Kit for isolation of total RNA from fresh human blood from leukocytes.			
<b>GeneMATRIX UNIVERSAL DNA/RNA/Protein Purification Kit</b>	E3597-01	25 preps	€ 68.00
	E3597-02	100 preps	€ 250.00
Kit for isolation of total DNA/RNA/Protein from the same biological sample (bacteria, tissue, plant, yeast, cell culture).			
<b>GeneMATRIX UNIVERSAL RNA Purification Kit</b>	E3598-01	25 preps	€ 52.00
	E3598-02	100 preps	€ 195.00
Kit for isolation of total RNA from various sample (animal and plant tissue, bacteria, yeast, cell culture) and for purification of RNA after enzymatic reactions.			
<b>GeneMATRIX UNIVERSAL RNA/miRNA Purification Kit</b>	E3599-01	25 preps	€ 58.00
	E3599-02	100 preps	€ 215.00
Universal kit for isolation of miRNA, total RNA or miRNA and total RNA together, from the tissue, plant and cell culture, as well as for purification of miRNA after enzymatic reactions.			
<b>GeneMATRIX UNIVERSAL BLOOD RNA Purification Kit</b>	E3594-01	25 preps	€ 132.00
Universal kit for isolation of total RNA from human or animal blood sample, fresh or frozen with stabilizers.			
<b>GeneMATRIX FFPE RNA Purification Kit</b>	E3593-01	25 preps	€ 68.00
	E3593-02	100 preps	€ 250.00
Kit for isolation of RNA from formalin-fixed, paraffin-embedded samples.			
<b>GeneMATRIX ENVIRONMENTAL DNA &amp; RNA Purification Kit</b>	E3572-01	25 preps	€ 58.00
	E3572-02	100 preps	€ 215.00
Kit for isolation and purification genomic DNA and total RNA. For stool, soil and environmental samples.			
<b>DNA PURIFICATION SYSTEMS</b>			
<b>GeneMATRIX PLASMID MINIPREP DNA Purification Ki</b>	E3500-01	50 preps	€ 49.00
	E3500-02	150 preps	€ 138.00
Kit for isolation of high-purity plasmid DNA (1.5-4 ml bacterial culture).			
<b>GeneMATRIX SHORT DNA CLEAN - UP Purification Kit</b>	E3515-01	25 preps	€ 39.00
	E3515-02	100 preps	€ 140.00
Kit for purification of short single-stranded and double-stranded DNA fragments after enzymatic reactions.			
<b>GeneMATRIX PCR/ DNA CLEAN - UP Purification Kit</b>	E3520-01	50 preps	€ 42.00
	E3520-02	150 preps	€ 115.00
Kit for purification of PCR products / DNA after enzymatic reactions.			
<b>GeneMATRIX AGAROSE - OUT DNA Purification Kit</b>	E3540-01	50 preps	€ 50.00
	E3540-02	150 preps	€ 140.00
Universal kit for purification of DNA from agarose gels.			
<b>GeneMATRIX BASIC DNA Purification Kit</b>	E3545-01	50 preps	€ 52.00
	E3545-02	150 preps	€ 154.00
Universal kit for purification of PCR products / DNA after enzymatic reactions, isolation of DNA from agarose gels and purification of plasmid DNA from bacteria.			
<b>GeneMATRIX TISSUE DNA Purification Kit</b>	E3550-01	50 preps	€ 80.00
	E3550-02	150 preps	€ 225.00
Universal kit for isolation of DNA from human and animal tissues, cultured cells, rodents tails, hair and insects.			

PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>GeneMATRIX TISSUE &amp; BACTERIAL DNA Purification Kit</b>	E3551-01	50 preps	€ 82.00
Kit for isolation of total DNA from human and animal tissues and bacteria.	E3551-02	150 preps	€ 230.00
<b>GeneMATRIX CELL CULTURE DNA Purification Kit</b>	E3555-01	50 preps	€ 80.00
Kit for isolation of DNA from human and animal cell cultures.	E3555-02	150 preps	€ 225.00
<b>GeneMATRIX BONE DNA Purification Kit</b>	E3560-01	25 preps	€ 73.00
Kit for isolation of DNA from animal or human bones.	E3560-02	50 preps	€ 135.00
<b>GeneMATRIX QUICK BLOOD DNA Purification Kit</b>	E3565-01	50 preps	€ 86.00
Kit for quick isolation of DNA from fresh or frozen blood.	E3565-02	150 preps	€ 235.00
<b>GeneMATRIX SOIL DNA Purification Kit</b>	E3570-01	50 preps	€ 104.00
Kit for isolation of DNA from soil.	E3570-02	100 preps	€ 200.00
<b>GeneMATRIX STOOL DNA Purification Kit</b>	E3575-01	50 preps	€ 104.00
Kit for isolation of DNA from stool.	E3575-02	100 preps	€ 200.00
<b>GeneMATRIX BACTERIAL &amp; YEAST GENOMIC DNA Purification Kit</b>	E3580-01	50 preps	€ 80.00
Universal kit for isolation of total DNA from bacteria Gram+, Gram- and yeast.	E3580-02	150 preps	€ 225.00
<b>GeneMATRIX GRAM PLUS &amp; YEAST GENOMIC DNA Purification Kit</b>	E3585-01	25 preps	€ 49.00
Universal kit for isolation of total DNA from bacteria Gram+ and yeast.	E3585-02	100 preps	€ 190.00
<b>GeneMATRIX PLANT &amp; FUNGI DNA Purification Kit</b>	E3595-01	50 preps	€ 92.00
Universal kit for isolation of total DNA from plants, fungi and lichens.	E3595-02	150 preps	€ 255.00
<b>GeneMATRIX BIO-TRACE DNA Purification Kit</b>	E3510-01	25 preps	€ 54.00
Kit for isolation of DNA from biological traces from various samples for clinical and forensic analysis.	E3510-02	100 preps	€ 200.00
<b>GeneMATRIX SWAB-EXTRACT DNA Purification Kit</b>	E3530-01	25 preps	€ 39.00
Kit for isolation of DNA from swabs for clinical and forensic analysis.	E3530-02	100 preps	€ 145.00
<b>GeneMATRIX FOOD-EXTRACT DNA Purification Kit</b>	E3525-01	25 preps	€ 54.00
Kit for isolation of DNA from fresh and processed food of plant or animal origin.	E3525-02	100 preps	€ 200.00
<b>GeneMATRIX AGROBACTERIUM PLASMID MINIPREP DNA Purification Kit</b>	E3535-01	50 preps	€ 64.00
Kit for isolation of DNA from Agrobacterium tumefaciens (0.5-2 ml bacterial culture).	E3535-02	150 preps	€ 180.00
<b>12. EMULSION KITS</b>			
<b>Micellula DNA Emulsion &amp; Purification Kit</b>	E3600-01	50 preps	€ 75.00
Kit for creation of emulsions and subsequent DNA purification. For in vitro compartmentalization (IVC) and for emulsion PCR (ePCR).	E3600-02	150 preps	€ 210.00



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>13. BUFFERS FOR DNA/RNA PURIFICATION SYSTEMS</b>			
<b>RL buffer</b>	E0310-01	25 preps	€ 12.00
	E0310-02	100 preps	€ 30.00
Solely for systems: E3594, E3598, E3599 and E3596. Basic binding solution for lysis and sample homogenization. While ordering please indicate the catalog number of the RNA Purification System.			
<b>LG buffer</b>	E0312-01	25 preps	€ 8.00
	E0312-02	100 preps	€ 20.00
Solely for E3598 system. Solution responsible for sample lysis in E3598 kit.			
<b>DRP buffer</b>	E0314-01	25 preps	€ 12.00
	E0314-02	100 preps	€ 30.00
Solely for E3597 system. Binding solution for lysis and sample homogenization in E3597 kit.			
<b>Lyse All buffer</b>	E0316-01	25 preps	€ 8.00
	E0316-02	100 preps	€ 20.00
Solely for systems: E3597 and E3599. Solution responsible for sample lysis in E3597 and E3599 kits. While ordering please indicate the catalog number of the RNA Purification System.			
<b>Wash RBW</b>	E0318-01	25 preps	€ 10.00
	E0318-02	100 preps	€ 20.00
Solely for systems: E3594, E3598, E3597 and E3596. Basic solution for elution of impurities from binding columns. While ordering please indicate the catalog number of the RNA Purification System.			
<b>Vertel</b>			
<b>Lyse P buffer</b>	E0320-01	50 preps	€ 8.00
	E0320-02	150 preps	€ 20.00
Solely for E3595 system. Basic solution for lysis and homogenization of plant tissues in E3595 kit.			
<b>Sol P buffer</b>	E0322-01	50 preps	€ 10.00
	E0322-02	150 preps	€ 20.00
Solely for E3595 system. Binding solution for plant and fungi genomic DNA in E3595 kit.			
<b>Lyse CT buffer</b>	E0324-01	50 preps	€ 11.00
	E0324-02	150 preps	€ 25.00
Solely for E3595 system. Additional lysing solution for plant tissues rich in polysaccharides.			
<b>Lyse RBC buffer 1x</b>	E0326-01	100 ml	€ 10.00
	E0326-02	250 ml	€ 20.00
Redy for use lysing solution for red blood cells.			
<b>14. CHEMICALS FOR ORGANIC EXTRACTION OF DNA AND RNA</b>			
<b>RNA Extracol</b>	E3700-01	25 ml	€ 15.00
	E3700-02	100 ml	€ 55.00
Ready-to-use reagent, phenol based, for the isolation of total RNA from samples of diverse origins.			
<b>DNA/RNA Extracol Kit</b>	E3750-01	25 preps	€ 50.00
	E3750-02	100 preps	€ 175.00
Complete kit containing spin columns and phenol based chemicals for the isolation of total DNA and RNA from samples of diverse origins.			



PRODUCT NAME & DESCRIPTION	CAT.NUMBER	PACKAGE	PRICE
<b>15. COLUMNS FOR DNA/RNA PURIFICATION SYSTEMS</b>			
<b>Columns for DNA Purification</b>	E0330-01	25 columns	€ 20.00
	E0330-02	100 columns	€ 70.00
Columns for selected DNA Purification Systems. <i>While ordering please indicate the catalog number of the DNA Purification System.</i>			
<b>Columns for RNA Purification</b>	E0340-01	2x25 columns	€ 30.00
	E0340-02	2x100 columns	€ 110.00
Columns set (binding and homogenization columns) for selected RNA Purification Systems. <i>While ordering please indicate the catalog number of the RNA Purification System.</i>			
<b>Collecting tubes without caps</b>	E0350-01	25 tubes	€ 20.00
	E0350-02	100 tubes	€ 50.00
Collecting tubes (2.0 ml) without caps, ready to use for all purification steps except elution. <i>While ordering please indicate the catalog number of the DNA/RNA Purification System.</i>			
<b>Elution tubes</b>	E0355-01	25 tubes	€ 20.00
	E0355-02	100 tubes	€ 50.00
Elution tubes (1.5 ml) ready for elution of DNA and RNA. Capped tubes to ensure no loss of sample.			