

Cena bude kalkulována dle aktuálního kurzu EUR. Doprava bude účtována zvlášť.

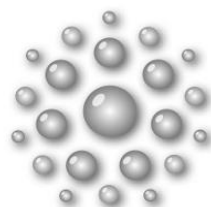
**Restriction Enzymes**
**Conventional**

Enzymes	Catalog number	Quantity	Price (€)
<i>Apa</i> I	MB06201	1000 U	10.00
	MB06202	5000 U	47.00
<i>Bam</i> H I	MB06401	2000 U	10.00
	MB06402	10000 U	47.50
<i>Bgl</i> II	MB06501	1000 U	25.00
	MB06502	5000 U	118.00
<i>Dpn</i> I	MB07801	100 U	10.00
	MB07802	1000 U	58.00
<i>Eco</i> R I	MB06701	5000 U	10.00
	MB06702	25000 U	43.00
<i>Hind</i> III	MB07001	5000 U	20.00
	MB07002	25000 U	95.00
<i>Hpa</i> I	MB07101	500 U	32.00
	MB07102	2500 U	152.00
<i>Nco</i> I	MB06601	500 U	25.00
	MB06602	2500 U	118.00
<i>Nde</i> I	MB06901	500 U	10.00
	MB06902	2500 U	47.00
<i>Nhe</i> I	MB06301	500 U	23.00
	MB06302	2500 U	110.00
<i>Pst</i> I	MB07301	4000 U	21.00
	MB07302	20000 U	99.00
<i>Sal</i> I	MB07701	2000 U	40.00
	MB07702	10000 U	190.00
<i>Xho</i> I	MB07401	2000 U	25.00
	MB07402	10000 U	120.00


**Fast Digestion**

Enzymes	Catalog number	Quantity	Price (€)
Speedy <i>Apa</i> I	MB09101	100 reactions	12.00
	MB09102	500 reactions	56.40
Speedy <i>Bam</i> H I	MB09201	200 reactions	12.00
	MB09202	1000 reactions	57.00
Speedy <i>Bgl</i> II	MB09301	100 reactions	30.00
	MB09302	500 reactions	141.60
Speedy <i>Eco</i> R I	MB09501	500 reactions	12.00
	MB09502	2500 reactions	51.60
Speedy <i>Hind</i> III	MB09701	500 reactions	24.00
	MB09702	2500 reactions	114.00
Speedy <i>Hpa</i> I	MB09801	50 reactions	38.40
	MB09802	250 reactions	182.40
Speedy <i>Nco</i> I	MB10001	50 reactions	30.00
	MB10002	250 reactions	141.60
Speedy <i>Nde</i> I	MB10101	50 reactions	12.00
	MB10102	250 reactions	56.40
Speedy <i>Nhe</i> I	MB10201	50 reactions	27.60
	MB10202	250 reactions	132.00
Speedy <i>Pst</i> I	MB10301	400 reactions	25.20
	MB10302	2000 reactions	118.80
Speedy <i>Sal</i> I	MB10401	200 reactions	48.00
	MB10402	1000 reactions	228.00
Speedy <i>Xho</i> I	MB10701	200 reactions	30.00
	MB10702	1000 reactions	144.00

10x NZYBuffer U	MB11001	500 µl	10.00
	MB11002	1000 µl	18.00

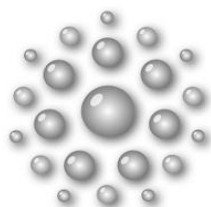


**PCR (Enzymes & dNTPs)**

PCR Enzymes	Catalog number	Quantity	Price (€)
NZYTaQ DNA polymerase	MB00101	500 U	34.00
	MB00102	1000 U	64.00
	MB00103	2500 U	160.00
NZYTaQ with 5× Gel Load Reaction Buffer	MB03801	500 U	40.00
	MB03802	1000 U	76.00
	MB03803	2500 U	171.00
NZYTaQ 5× Optimizer Solution	MB06001	1 ml	50.00
	MB06002	3 x 1 ml	120.00
NZYDNACchange polymerase	MB03601	125 U	55.00
	MB03602	500 U	198.00
	MB03603	1000 U	357.00
NZYLong DNA polymerase	MB00301	125 U	35.00
	MB00302	500 U	135.00
	MB00303	1000 U	243.00
Supreme NZYTaQ DNA polymerase	MB07901	500 U	74.00
	MB07902	1000 U	143.00
	MB07903	2500 U	294.00
NZYSpeedy DNA Polymerase	MB10801	125 U	38.00
	MB10802	500 U	123.00
NZYSpeedy Proof DNA Polymerase	MB10901	125 U	72.00
	MB10902	500 U	252.00



dNTPs	Catalog number	Quantity	Price (€)
dNTPs NZYMix	MB08601	25 mM, 1 ml	100.80
	MB08602	25 mM, 5 ml	495.00
	MB08603	10 mM, 0.2 ml	13.45
	MB08604	10 mM, 1 ml	57.60
	MB08605	10 mM, 5 ml	255.20
	MB08606	2 mM, 1 ml	13.45
	MB08607	2 mM, 5 ml	57.60
dNTPs NZYSet	MB08701	100 mM (4x0.25 ml)	86.40



## PCR (Mixes)

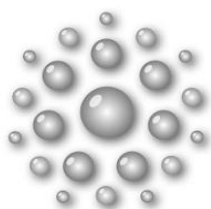
PCR Mixes	Catalog number	Quantity	Price (€)
NZYtaq 2x Green Master Mix	MB03901	100 U	10.00
	MB03902	500 U	47.00
	MB03903	1000 U	99.00
NZYtaq 2x Colourless Master Mix	MB04001	100 U	10.00
	MB04002	500 U	47.00
	MB04003	1000 U	99.00
NZYtaq 2x Green Master Mix, separate MgCl <sub>2</sub>	MB04801	100 U	10.00
	MB04802	500 U	47.00
	MB04803	1000 U	99.00
NZYtaq 2x Colourless Master Mix, separate MgCl <sub>2</sub>	MB04901	100 U	10.00
	MB04902	500 U	47.00
	MB04903	1000 U	99.00
Supreme NZYtaq 2x Green Master Mix	MB05401	100 U	18.00
	MB05402	500 U	82.00
Supreme NZYtaq 2x Green Master Mix, separate MgCl <sub>2</sub>	MB05501	100 U	18.00
	MB05502	500 U	82.00

## Real-Time PCR

Real-Time PCR	Catalog number	Quantity	Price (€)
Supreme NZYtaq 2x Real Time PCR Master Mix (with Reference Dye)	MB05601	1 ml	49.00
	MB05602	5 x 1 ml	233.00
	MB05603	10 x 1 ml	440.00
Supreme NZYtaq 2x Real Time PCR Master Mix	MB05701	1 ml	49.00
	MB05702	5 x 1 ml	233.00
	MB05703	10 x 1 ml	440.00

## Other Molecular Biology Enzymes

Enzymes	Catalog number	Quantity	Price (€)
Klenow Fragment of DNA Polymerase I	MB00901	300 U	68.00
T4 DNA ligase	MB00703	500 U	35.00
	MB00704	2500 U	147.00
T4 Polynucleotide Kinase	MB00801	500 U	68.00
Alkaline Phosphatase ( <i>E. coli</i> )	MB01801	200 U	80.00
Proteinase K	MB01901	100 mg	81.00
	MB01902	500 mg	240.00



## Competent Cells

Competent Cells	Catalog number	Quantity	Price (€)
NZY5α	MB00401	20 transformations	86.00
	MB00402	40 transformations	156.00
NZYStar	MB00501	20 transformations	96.00
	MB00502	40 transformations	185.00
JM109	MB03701	20 transformations	80.00
	MB03702	40 transformations	150.00
BL21(DE3)	MB00601	20 transformations	92.00
	MB00602	40 transformations	178.00



NZYCompetent Cells Preparation Buffer	MB12001	100 ml	88.00
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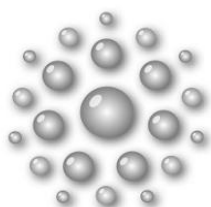
## DNA Markers

DNA markers	Catalog number	Quantity	Price (€)
NZYDNA Ladder I	MB04101	200 lanes	44.00
	MB04102	500 lanes	105.00
NZYDNA Ladder II	MB04301	200 lanes	47.00
	MB04302	500 lanes	112.00
NZYDNA Ladder III	MB04401	200 lanes	62.00
	MB04402	500 lanes	128.00
NZYDNA Ladder IV	MB05801	50 lanes	34.00
	MB05802	150 lanes	78.00
NZYDNA Ladder V	MB06101	200 lanes	45.00
	MB06102	500 lanes	109.00
NZYDNA Ladder VI	MB08901	200 lanes	70.00
	MB08902	500 lanes	135.00



## Protein Markers

Protein markers	Catalog number	Quantity	Price (€)
Low Molecular Weight (LMW) Protein Marker	MB08201	300 lanes	92.00
	MB08202	600 lanes	166.00
NZYColour Protein Marker II	MB09001	100 lanes	148.00



## DNA Mutagenesis

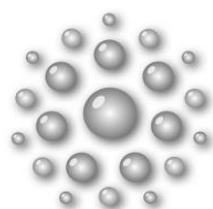
Kits	Catalog number	Quantity	Price (€)
NZYMutagenesis kit, no cells	MB01201	10 mutations	120.00
NZYMutagenesis kit	MB01202	10 mutations	180.00
NZYMutagenesis kit, no cells	MB01203	24 mutations	240.00
NZYMutagenesis kit	MB01204	24 mutations	334.00

## DNA Cloning

Kits	Catalog number	Quantity	Price (€)
NZYPCR cloning kit	MB01301	24 ligations	188.00
NZYPCR cloning kit, no cells	MB01302	24 ligations	110.00
NZY-A PCR cloning kit	MB05301	24 ligations	178.00
NZY-A PCR cloning kit, no cells	MB05302	24 ligations	98.00

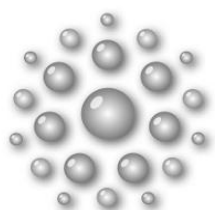
## DNA Purification & Clean-Up

DNA preparation kits	Catalog number	Quantity	Price (€)
NZYMiniprep	MB01001	50 columns	69.00
	MB01002	200 columns	228.00
NZYMidiprep	MB05001	10 columns	75.00
	MB05002	5 x 10 columns	295.00
NZYMaxiprep	MB05101	5 columns	80.00
	MB05102	2 x 5 columns	155.00
	MB05103	5 x 5 columns	320.00
NZYGelpure	MB01101	50 columns	75.00
	MB01102	200 columns	240.00



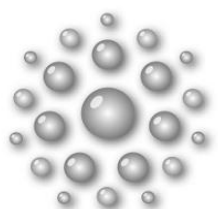
## Biochemicals

Reagents	Catalog number	Quantity	Price (€)
Acrylamide/bis-Acrylamide (29:1 solution)	MB04501	500 ml	58.00
Agar granulated	MB02901	100 g	18.00
	MB02902	500 g	86.00
	MB02903	1000 g	162.00
Agarose (electrophoresis grade)	MB02702	100 g	51.00
	MB02703	500 g	199.00
	MB02704	1000 g	385.00
Agarose (ultrapure grade)	MB05201	100 g	88.00
	MB05202	500 g	299.00
Agarose (pulse-field grade)	MB12201	500 g	225.00
Agarose (LM-ultrapure grade)	MB12301	100 g	165.00
	MB12302	500 g	785.00
Albumin Bovine Fraction V (BSA)	MB04601	10 g	15.00
Ammonium Persulphate	MB03403	100 g	45.00
Ampicillin (sodium salt)	MB02101	5 g	19.00
	MB02102	25 g	45.00
Cellulase "Onozuka RS" from <i>Trichoderma viride</i>	MB04702	5 g	242.00
Chloramphenicol	MB02401	5 g	18.00
	MB02402	25 g	33.00
DTT	MB03101	5 g	25.00
Glycine	MB01401	1000 g	35.00
GreenSafe	MB08801	1 ml	85.5
IPTG	MB02602	5 g	42.00
	MB02603	25 g	199.00
Kanamycin (monosulphate)	MB02001	5 g	42.00
	MB02002	25 g	210.00
LB Agar granulated	MB03001	100 g	18.00
	MB03002	500 g	80.00
LB broth	MB02801	250 g	19.00
	MB02802	500 g	35.00
	MB02803	1000 g	64.00
Neomycin (sulphate)	MB02302	25 g	32.00
SOB broth	MB04201	100 g	19.00
	MB04202	500 g	90.00
Sodium Dodecyl Sulphate (SDS)	MB01501	500 g	75.00
TEMED	MB03501	25 ml	18.00
Tetracycline (hydrochloride)	MB02201	5 g	24.00
Tris base	MB01601	1000 g	60.00
X-gal	MB02501	1 g	32.00



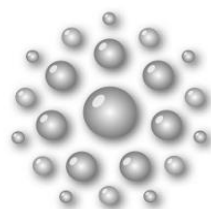
### Prices – Carbohydrate Active Enzymes

Glycoside Hydrolases	Catalog number	Quantity	Price (€)
CtGH10 (Xylanase 10B), <i>Clostridium thermocellum</i>	CR00011	1500 U	61.00
	CR00012	3 × 1500 U	164.00
CtGH10-CBM22-2 (Xylanase 10B), <i>Clostridium thermocellum</i>	CR00021	1400 U	61.00
	CR00022	3 × 1400 U	164.00
CtGH11 (Xylanase 11A), <i>Clostridium thermocellum</i>	CR00031	2800 U	61.00
	CR00032	3 × 2800 U	164.00
CtGH11-CBM6 (Xylanase 11A), <i>Clostridium thermocellum</i>	CR00041	3750 U	61.00
	CR00042	3 × 3750 U	164.00
CtCBM22-GH10 (Xylanase 10C), <i>Clostridium thermocellum</i>	CR00051	112.5 U	61.00
	CR00052	3 × 112.5 U	164.00
Xylanase 10C (GH10), <i>Cellvibrio mixtus</i>	CR00061	1350 U	61.00
	CR00062	3 × 1350 U	164.00
CjCBM22-GH10 (Xylanase 10A), <i>Cellvibrio japonicus</i>	CR00071	2700 U	61.00
	CR00072	3 × 2700 U	164.00
Cellulase 5A (GH5), <i>Cellvibrio mixtus</i>	CR00081	2200 U	61.00
	CR00082	3 × 2200 U	164.00
CmGH5 (Cellulase 5B), <i>Cellvibrio mixtus</i>	CR00091	3325 U	61.00
	CR00092	3 × 3325 U	164.00
CtGH5-CE2 (CtCel5C-CE2), <i>Clostridium thermocellum</i>	CR00101	1.0 mg (130/75 U)	61.00
	CR00102	3.0 mg (390/225 U)	164.00
CtGH5 (CtLic26A-Cel5E), <i>Clostridium thermocellum</i>	CR00111	2400 U	61.00
	CR00112	3 × 2400 U	164.00
CtGH26 (CtLic26A-Cel5E), <i>Clostridium thermocellum</i>	CR00121	2100 U	61.00
	CR00122	3 × 2100 U	164.00
CtGH26-GH5 (CtLic26A-Cel5E), <i>Clostridium thermocellum</i>	CR00131	270 U	61.00
	CR00132	3 × 270 U	164.00
CtGH44 (CtCel9D-Cel44A), <i>Clostridium thermocellum</i>	CR00141	300 U	61.00
	CR00142	3 × 300 U	164.00
Endo-1,3(4)- $\beta$ -glucanase 16A (GH16), <i>Clostridium thermocellum</i>	CR00151	4500 U	61.00
	CR00152	3 × 4500 U	164.00
Cellulase 8A (GH8), <i>Clostridium thermocellum</i>	CR00161	500 U	61.00
	CR00162	3 × 500 U	164.00
Cellobiohydrolase 48A (GH48), <i>Clostridium cellulolyticum</i>	CR00171	1 mg (330 U)	61.00
	CR00172	3 mg (990 U)	164.00
$\beta$ -1,3-Glucanase 81A (GH81), <i>Clostridium thermocellum</i>	CR00181	900 U	61.00
	CR00182	3 × 900 U	164.00
Glucosidase 1A (GH1), <i>Clostridium thermocellum</i>	CR00191	20 U	61.00
	CR00192	3 × 20 U	164.00
$\alpha$ -Glucuronidase 67A (GH67), <i>Cellvibrio japonicus</i>	CR00201	2 mg (160 U)	61.00
	CR00202	6 mg (480 U)	164.00
Xyloglucanase 74A (GH74), <i>Clostridium thermocellum</i>	CR00211	175 U	61.00
	CR00212	3 × 175 U	164.00

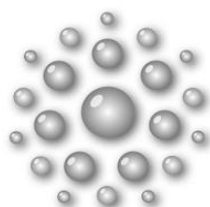


Glycoside Hydrolases	Catalog number	Quantity	Price (€)
CtCBM22-1-GH10-CBM22-2 (Xylanase 10B), <i>Clostridium thermocellum</i>	CR00221	487.5 U	61.00
	CR00222	3 × 487.5 U	164.00
CmGH5-CtCBM11 (Cellulase 5A), <i>Cellvibrio mixtus</i> and <i>Clostridium thermocellum</i>	CR00231	540 U	61.00
	CR00232	3 × 540 U	164.00
Arabinofuranosidase 51A (GH51), <i>Clostridium thermocellum</i>	CR00241	31 U	61.00
	CR00242	3 × 31 U	164.00
Mannanase 26A (GH26), <i>Clostridium thermocellum</i>	CR00251	1500 U	61.00
	CR00252	3 × 1500 U	164.00
$\alpha$ -galactosidase 27A (GH27), <i>Cellvibrio mixtus</i>	CR00261	180 U	61.00
	CR00262	3 × 180 U	164.00
Mannosidase 5A (GH5), <i>Cellvibrio mixtus</i>	CR00271	120 U	61.00
	CR00272	3 × 120 U	164.00
Endo-1,4- $\beta$ -galactanase 53A (GH53), <i>Clostridium thermocellum</i>	CR00281	15000 U	61.00
	CR00282	3 × 15000 U	164.00
Exo- $\beta$ -1,3-galactanase 43A (GH43), <i>Clostridium thermocellum</i>	CR00291	16 U	61.00
	CR00292	3 × 16 U	164.00
Chitinase 18A (GH18), <i>Clostridium thermocellum</i>	CR00301	5 U	61.00
	CR00302	3 × 5 U	164.00
CtGH11-CBM6-CE4 (Xylanase 11A), <i>Clostridium thermocellum</i>	CR00511	315 U	61.00
	CR00512	3 × 315 U	164.00
CtGH26-GH5-CBM11 (CtLic26A-Cel5E), <i>Clostridium thermocellum</i>	CR00531	480 U	61.00
	CR00532	3 × 480 U	164.00
Endo-1,4- $\beta$ -galactanase 53A (GH53), <i>Cellvibrio japonicus</i>	CR00541	300 U	61.00
	CR00542	3 × 300 U	164.00
Endo-1,4- $\beta$ -mannanase 5A (GH5), <i>Cellvibrio japonicus</i>	CR00551	80 U	61.00
	CR00552	3 × 80 U	164.00

Carbohydrate esterases	Catalog number	Quantity	Price (€)
Feruloyl Esterase 1A (CE1), <i>Clostridium thermocellum</i>	CR00311	25 U	61.00
	CR00312	3 × 25 U	164.00
Glucomannan Acetyl Esterase 2A (CE2), <i>Clostridium thermocellum</i>	CR00321	262.5 U	61.00
	CR00322	3 × 262.5 U	164.00
Xylan Acetyl Esterase 3A (CE3), <i>Clostridium thermocellum</i>	CR00331	112.5 U	61.00
	CR00332	3 × 112.5 U	164.00
Xylan Acetyl Esterase 4A (CE4), <i>Clostridium thermocellum</i>	CR00341	40 U	61.00
	CR00342	3 × 40 U	164.00
Pectin Acetyl Esterase 12A (CE12A), <i>Clostridium thermocellum</i>	CR00361	200 U	61.00
	CR00362	3 × 200 U	164.00
Pectin Acetyl Esterase 12B (CE12B), <i>Clostridium thermocellum</i>	CR00371	150 U	61.00
	CR00372	3 × 150 U	164.00
Xylan Acetyl Esterase CE4 (CBM6-CE4), <i>Clostridium thermocellum</i>	CR00521	10.5 U	61.00
	CR00522	3 × 10.5 U	164.00



CBMs	Catalog number	Quantity	Price (€)
<i>CtCBM35A, Clostridium thermocellum</i>	CR00351	1.0 mg	61.00
	CR00352	3 × 1.0 mg	164.00
<i>CtCBM3, Clostridium thermocellum</i>	CR00411	3.0 mg	61.00
	CR00412	3 × 3.0 mg	164.00
<i>CmCBM6-2, Cellvibrio mixtus</i>	CR00421	2.0 mg	61.00
	CR00422	3 × 2.0 mg	164.00
<i>CtCBM6, Clostridium thermocellum</i>	CR00431	0.3 mg	61.00
	CR00432	3 × 0.3 mg	164.00
<i>CtCBM11, Clostridium thermocellum</i>	CR00441	0.5 mg	61.00
	CR00442	3 × 0.5 mg	164.00
<i>CtCBM22A, Clostridium thermocellum</i>	CR00451	0.4 mg	61.00
	CR00452	3 × 0.4 mg	164.00
<i>CtCBM35C, Clostridium thermocellum</i>	CR00461	0.5 mg	61.00
	CR00462	3 × 0.5 mg	164.00
<i>CtCBM42A, Clostridium thermocellum</i>	CR00471	0.34 mg	61.00
	CR00472	3 × 0.34 mg	164.00
<i>CtCBM30, Clostridium thermocellum</i>	CR00481	4.0 mg	61.00
	CR00482	3 × 4.0 mg	164.00
<i>CtCBM44, Clostridium thermocellum</i>	CR00491	2.0 mg	61.00
	CR00492	3 × 2.0 mg	164.00
<i>CtM6, Clostridium thermocellum</i>	CR00501	3.0 mg	61.00
	CR00502	3 × 3.0 mg	164.00



### Prices – Analytical Products

Analytical Enzymes	Catalog number	Quantity	Price (€)
Alcohol dehydrogenase (EC 1.1.1.1), <i>Escherichia coli</i>	AE00131	1000 U	88.00
Aldehyde reductase YqhD, <i>Escherichia coli</i>	AE00021	2.0 mg	105.00
Aspartate aminotransferase (EC 2.6.1.1), <i>Escherichia coli</i>	AE00061	5000 U	120.00
D-Malate dehydrogenase (EC 1.1.1.83), <i>Escherichia coli</i>	AE00151	200 U	87.00
Glucose-6-P isomerase (EC 5.3.1.9), <i>Escherichia coli</i>	AE00101	5000 U	69.00
Glucose-6-phosphate dehydrogenase, <i>Escherichia coli</i>	AE00071	5000 U	105.00
L-Malate dehydrogenase (EC 1.1.1.37), <i>Escherichia coli</i>	AE00091	50000 U	93.00
Lactaldehyde dehydrogenase (EC 1.2.1.22), <i>Escherichia coli</i>	AE00031	4.0 mg	105.00
NADH peroxidase (EC 1.11.1.1), <i>Streptococcus faecalis</i> ATCC 11700	AE00201	437.5 U	180.00
Sulfite oxidase Mo centre domain (EC 1.8.3.1), <i>Homo sapiens</i>	AE00011	2.25 U	210.00

Analytical Test Kits	Catalog number	Quantity	Price (€)
Acetaldehyde kit, UV method	AK00051	50 tests	50.00
Ammonia kit, UV method	AK00091	96 tests	94.00
D-Fructose/D-Glucose kit, UV method	AK00041	110 tests	128.00
D-Glucose kit, UV method	AK00031	100 tests	105.00
D-Malic Acid kit, UV method	AK00021	100 tests	130.00
Ethanol kit, UV method	AK00061	60 tests	92.00
L-Glutamine and Ammonia kit, UV method	AK00111	50 tests of each	128.00
L-Malic Acid kit, UV method	AK00011	58 tests	70.00
Sulfite kit, UV method	AK00071	30 tests	169.00

