

Price List Oligonucleotides

All prices in EUR. VAT may apply

valid from November 1st, 2009; errors excluded

DNA Oligonucleotides

All oligonucleotides are salt-free, quantified and documented.

Minimum length is 12 bases in scales XS and S and 6 bases in scales M, L, and XL.

Standard purification: Reverse phase cartridge. All oligonucleotides (up to 50 bases) are controlled by MALDI mass spectrometry.

	(0,02 µmol)	(0,05 µmol)	(0,2 µmol)	(1,0 µmol)	(10,0 µmol)
Synthesis Scale	XS*	S**	M**	L**	XL
Yield (Cartridge / HPLC)***	> 2 OD	3 - 5 OD	10 - 20 OD	30 - 60 OD	200 - 400 OD
Yield (PAGE)***	-----	1 - 3 OD	3 - 6 OD	10 - 20 OD	on request
Price per base	0,39 €	0,49 €	0,89 €	2,39 €	14,00 €
HPLC per oligo	-----	9,00 €	9,00 €	19,00 €	59,00 €
PAGE per oligo	-----	29,00 €	29,00 €	49,00 €	on request
Wobbles	-----	frei	frei	frei	frei
2'-deoxy Inosine	-----	8,00 €	9,00 €	10,00 €	85,00 €
2'-Deoxyuridine	-----	8,00 €	9,00 €	10,00 €	85,00 €
Amino-dT (deoxy Thymidine with aminolink at C5)	-----	70,00 €	105,00 €	160,00 €	840,00 €
FAM-dT (deoxy Thymidine with FAM at C5)	-----	105,00 €	125,00 €	185,00 €	1.200,00 €
5-Methyl-desoxy Cytidine (5-Me-dC)	-----	8,00 €	9,00 €	10,00 €	85,00 €
dSpacer (abasic side)	-----	45,00 €	65,00 €	80,00 €	on request
Spacer18 (hexaethylenglycol spacer)	-----	38,00 €	45,00 €	60,00 €	on request
Phosphothioate (for individual PTO)	-----	5,00 €	5,00 €	11,00 €	37,00 €
Phosphothioate (only "Full-PTO")	-----	3,00 €	3,00 €	6,00 €	30,00 €
RNA - / 2'-OMe-RNA-Base****	-----	30,00 €	30,00 €	60,00 €	140,00 €

* Oligo up to 60 bases, HPLC and/or PAGE purification not available, no wobbles.

** Cartridge up to 60 bases, HPLC or PAGE up to 140 bases.

*** Lower yield is guaranteed for a 20 mer DNA oligonucleotide, homopolymers may yield less.

**** Price per RNA 2'-OMe-RNA-base, when included in a DNA oligonucleotide.

5'-Modification

Prices per modification, HPLC purification of the labelled oligonucleotide is included.

	S	M	L	XL
Yield (HPLC)*	2 - 5 OD	5 - 15 OD	15 - 40 OD	150 - 200 OD
Aminolink C6 [†]	20,00 €	25,00 €	30,00 €	300,00 €
Biotin [†]	30,00 €	40,00 €	60,00 €	600,00 €
Digoxigenin [†††]	59,00 €	75,00 €	120,00 €	on request
Ferrocene [†††]	90,00 €	145,00 €	225,00 €	on request
Methylene blue [†††]	105,00 €	165,00 €	250,00 €	on request
Phosphate [†]	20,00 €	25,00 €	30,00 €	300,00 €
Thiol C6 [††]	40,00 €	60,00 €	80,00 €	on request
6-FAM [††]	30,00 €	40,00 €	60,00 €	600,00 €
HEX, TET [††]	35,00 €	60,00 €	120,00 €	1.200,00 €
JOE [†††]	40,00 €	75,00 €	120,00 €	on request
SIMA [†††]	35,00 €	60,00 €	120,00 €	on request
Cy3, Cy5 [††]	40,00 €	75,00 €	120,00 €	1.200,00 €
ROX, TAMRA, Rhodamin6G [†††]	40,00 €	75,00 €	120,00 €	on request
BMN™-5, BMN™-6 [†††]	40,00 €	75,00 €	120,00 €	on request
Texas Red®, Pacific Blue®, Marina Blue® [†††]	70,00 €	145,00 €	225,00 €	on request
AMCA [†††]	70,00 €	145,00 €	225,00 €	on request
Dyomics dyes [†††]	79,00 €	145,00 €	225,00 €	on request
Atto 425, 465, 520, 565, 590 [†††]	59,00 €	105,00 €	185,00 €	on request
Atto 390, 488, 495, 532, 550, 595 [†††]	90,00 €	145,00 €	225,00 €	on request
Atto 620, 633, 647N, 655 [†††]	105,00 €	165,00 €	250,00 €	on request

[†] = Maximum length 140 bases; [††] = Maximum length 80 bases; [†††] = Maximum length 50 bases

The given lengths apply for standard orders. For longer oligonucleotides using these labels please inquire.

* Lower yield is guaranteed for a single modified 20 mer DNA oligonucleotide.

3'-Modification

3'-Modification for oligonucleotides up to 45 bases, for longer oligonucleotides please inquire.

	S	M	L	XL
Yield (HPLC)*	2 - 5 OD	5 - 15 OD	15 - 40 OD	150 - 200 OD
Aminolink C6	30,00 €	40,00 €	80,00 €	on request
Biotin-TEG	40,00 €	60,00 €	90,00 €	900,00 €
Digoxigenin	70,00 €	100,00 €	185,00 €	on request
Inverted End (3'-3')	20,00 €	40,00 €	80,00 €	800,00 €
Phosphate	20,00 €	30,00 €	40,00 €	400,00 €
Spacer C3	30,00 €	40,00 €	80,00 €	800,00 €
Thiol C3	40,00 €	60,00 €	90,00 €	900,00 €
6-FAM	30,00 €	40,00 €	80,00 €	800,00 €
JOE, ROX, TAMRA, Rhodamin6G	59,00 €	105,00 €	185,00 €	on request
BMN™-5, BMN™-6	59,00 €	105,00 €	185,00 €	on request
Texas Red®, Pacific Blue®, Marina Blue®	115,00 €	195,00 €	390,00 €	on request
AMCA	70,00 €	100,00 €	185,00 €	on request
Dyomics dyes	115,00 €	195,00 €	390,00 €	on request
Atto 425, 465, 520, 565, 590	95,00 €	165,00 €	300,00 €	on request
Atto 390, 488, 495, 532, 550, 595	145,00 €	225,00 €	360,00 €	on request
Atto 620, 633, 647N, 655	165,00 €	250,00 €	400,00 €	on request
Dabcyl, Dabsyl	59,00 €	105,00 €	185,00 €	on request
BHQ-1, BHQ-2	59,00 €	105,00 €	185,00 €	on request
DDQ-1, BBQ-650	59,00 €	105,00 €	185,00 €	on request

* Lower yield is guaranteed for a single modified 20 mer DNA oligonucleotide.

RT-PCR- and qPCR-Probes

Price includes DNA oligonucleotide up to 40 bases, 5'- and 3'-modification, HPLC purification and MALDI control.

Other modifications on request.

Dual-Labelled Probes		S	M	L
Guaranteed Yield		>1 OD	>3 OD	>6 OD
5'-Fluorophor	3'-Quencher			
6-FAM, HEX, TET	TAMRA	160,00 €	240,00 €	400,00 €
6-FAM, HEX, TET	Dabcyl	160,00 €	240,00 €	400,00 €
6-FAM, HEX, TET	BHQ-1	195,00 €	240,00 €	400,00 €
Cy3, Cy5	BHQ-2	195,00 €	240,00 €	400,00 €
TAMRA, ROX	BHQ-2	195,00 €	240,00 €	400,00 €
6-FAM	DDQ-1	79,00 €	240,00 €	400,00 €
Cy3, TAMRA, TexasRed, ROX, Cy5	BBQ-650	195,00 €	240,00 €	400,00 €
Cy3, TAMRA, TexasRed, ROX, Cy5	BBQ-650	195,00 €	240,00 €	400,00 €

Prices are inclusive DNA-oligonucleotide up to 60 bases, 5'-fluorophore, internal coupling of the quencher as well as the polymerase blocker, HPLC-purification and MALDI quality control. Other modifications on request.

Scorpions®			S	M	L
Guaranteed Yield			>1 OD	>2 OD	>4 OD
5'-Fluorophor	Quencher	Blocker			
6-FAM, HEX, TET	int. BHQ-1	Spacer18	290,00 €	390,00 €	520,00 €
Cy3, Cy5	int. BHQ-2	Spacer18	290,00 €	390,00 €	520,00 €
6-FAM, HEX, TET	int. Dabcyl	Spacer18	270,00 €	370,00 €	500,00 €
Cy3, Cy5	int. Dabcyl	Spacer18	270,00 €	370,00 €	500,00 €

Molecular Beacon Probes

Molecular Beacon Probes are characterised by a probing sequence and two arms of 5 - 7 nucleotides at the 3'- and 5'-end of the oligonucleotide being self-complementary to each other; the Molecular Beacon forms a hairpin loop.

Prices include DNA oligonucleotide up to 40 bases, 5'- and 3'-modification, HPLC purification and MALDI control.

		S	M	L
Guaranteed Yield		>1 OD	>3 OD	>6 OD
5'-Fluorophor	3'-Quencher			
6-FAM, HEX, TET	Dabcyl	235,00 €	300,00 €	500,00 €
TAMRA	Dabcyl	235,00 €	300,00 €	500,00 €
6-FAM, HEX, TET	BHQ-1	235,00 €	300,00 €	500,00 €
Cy3, Cy5	BHQ-2	235,00 €	300,00 €	500,00 €
TAMRA, ROX, Texas Red®	BHQ-2	235,00 €	300,00 €	500,00 €

Oligonucleotide-HRP conjugate (Horseradish Peroxidase conjugate)

Prices include DNA oligonucleotides up to 30 bases, conjugation and purification of conjugate by PAGE.

	S	M	L
Guaranteed Yield	>1 OD	>2 OD	>4 OD
Price per Conjugate	240,00 €	400,00 €	650,00 €

Additional services

Oligonucleotides in 1,5 ml Tubes

Concentration Adjustment from 50 - 500 µM	per Oligo	1,00 €
Additional Aliquots	per Aliquot	1,00 €

Oligonucleotides in Deepwell Plates (for more than 50 Oligos)

Concentration Adjustment from 50 - 500 µM	per Oligo	1,00 €
96-Deepwell plates, type A		free
96-Deepwell plates, type B		free

type A: plate is sealed with puncturable foil

type B: plate is sealed with non-puncturable, removable foil

Additional Information on our DNA Synthesis Service

Ordering	Web: http://www.biomers.net e-mail: order@biomers.net fax: +49-(0)731-70396-11 For fax orders an additional fee of 0,20 € per base will be charged
Delivery	Standard Oligonucleotides are shipped within 1 - 2 working days. Standard shipment via UPS within Germany free if orders exceed a value of 125,00 € Standard shipment via UPS within Germany 4,90 € for orders below a value of 125,00 € Shipment via UPS Express Saver within Germany: 8,90 € For other countries please inquire.
Customer Support	biomers.net GmbH Söflinger Str. 100 D-89077 Ulm Germany phone: +49-(0)731-70396-0 fax: +49-(0)731-70396-11 e-mail: info@biomers.net

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