

Price List Oligonucleotides

All prices in GBP, 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	£0,28	£0,35	£0,63	£1,60	£9,50
HPLC per oligo	-----	£6,50	£6,50	£14,00	£44,00
PAGE per oligo	-----	£20,00	£20,00	£35,00	on request
Wobbles	-----	free	free	free	free
2'-deoxy Inosine	-----	£6,00	£6,50	£7,00	£60,00
2'-Deoxyuridine	-----	£6,00	£6,50	£7,00	£60,00
Amino-dT (deoxy Thymidine with aminolink at C5)	-----	£63,00	£94,50	£144,00	£672,00
FAM-dT (deoxy Thymidine with FAM at C5)	-----	£94,50	£112,50	£166,50	on request
5-Methyl-desoxy Cytidine (5-Me-dC)	-----	£6,00	£6,50	£7,00	£60,00
dSpacer (abasic side)	-----	£40,50	£58,50	£72,00	on request
Spacer18 (hexaethyleneglycol spacer)	-----	£38,00	£45,00	£60,00	on request
Phosphothioate (for individual PTO)	-----	£4,50	£4,50	£9,90	£33,30
Phosphothioate (only "Full-PTO")	-----	£2,00	£2,00	£4,00	£20,00
RNA - / 2'-OMe-RNA-Base****	-----	£22,00	£22,00	£44,00	£100,00

* 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 [+]	£15,00	£18,00	£22,00	£200,00
Biotin [+]	£22,00	£28,00	£40,00	£400,00
Digoxigenin [+++]	£53,10	£67,50	£108,00	on request
Ferrocene [+++]	£63,00	£101,50	£157,50	on request
Methylene blue [+++]	£73,50	£115,20	£175,00	on request
Phosphate [+]	£15,00	£18,00	£22,00	£200,00
Thiol C6 [++]	£28,00	£45,00	£60,00	£600,00
6-FAM [++]	£22,00	£28,00	£40,00	£400,00
HEX, TET [++]	£25,00	£45,00	£85,00	£850,00
JOE [+++]	£28,00	£55,00	£85,00	on request
Yakima Yellow [+++]	£112,50	£175,50	£351,00	on request
Cy3, Cy5 [++]	£28,00	£55,00	£85,00	£850,00
ROX, TAMRA, Rhodamin6G [+++]	£28,00	£55,00	£85,00	on request
BMN™-5, BMN™-6 [+++]	£28,00	£55,00	£85,00	on request
Texas Red®, Pacific Blue®, Marina Blue® [+++]	£52,00	£110,00	£165,00	on request
AMCA [+++]	£52,00	£110,00	£165,00	on request
Dyomics dyes [+++]	£60,00	£110,00	£165,00	on request
Atto 425, 465, 520, 565, 590 [+++]	£47,50	£84,00	£148,00	on request
Atto 390, 488, 495, 532, 550, 594 [+++]	£72,00	£116,00	£180,00	on request
Atto 620, 633, 647N, 655 [+++]	£84,00	£132,00	£200,00	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	£22,00	£29,00	£55,00	on request
Biotin-TEG	£28,00	£45,00	£66,00	£660,00
Digoxigenin	£63,00	£90,00	£166,50	on request
Inverted End (3'-3')	£14,00	£28,00	£55,00	£550,00
Phosphate	£15,00	£22,00	£30,00	£285,00
Spacer C3	£22,00	£29,00	£55,00	£575,00
Thiol C3	£28,00	£45,00	£66,00	£660,00
6-FAM	£22,00	£29,00	£55,00	£575,00
JOE, ROX, TAMRA, Rhodamin6G	£47,50	£84,00	£148,00	on request
BMN™-5, BMN™-6	£47,50	£84,00	£148,00	on request
Texas Red®, Pacific Blue®, Marina Blue®	£85,00	£145,00	£290,00	on request
AMCA	£52,00	£75,00	£135,00	on request
Dyomics dyes	£85,00	£145,00	£290,00	on request
Atto 425, 465, 520, 565, 590	£76,00	£132,00	£240,00	on request
Atto 390, 488, 495, 532, 550, 594	£116,00	£180,00	£288,00	on request
Atto 620, 633, 647N, 655	£132,00	£200,00	£320,00	on request
Dabcyl, Dabsyl	£42,00	£75,00	£135,00	on request
BHQ-1, BHQ-2	£42,00	£75,00	£135,00	on request
DDQ-1, BBQ-650	£42,00	£75,00	£135,00	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	£113,00	£170,00	£284,00
6-FAM, HEX, TET	Dabcyl	£113,00	£170,00	£284,00
6-FAM, HEX, TET	BHQ-1	£140,00	£175,00	£284,00
Yakima Yellow	BHQ-1	£175,50	£252,00	£441,00
Cy3, Cy5	BHQ-2	£140,00	£175,00	£284,00
TAMRA, ROX	BHQ-2	£140,00	£175,00	£284,00
6-FAM	DDQ-1	£113,00	£170,00	£284,00
Cy3, TAMRA, TexasRed, ROX, Cy5	BBQ-650	£140,00	£175,00	£284,00
Yakima Yellow	BBQ-650	£175,50	£252,00	£441,00

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	£232,00	£312,00	£416,00
Cy3, Cy5	int. BHQ-2	Spacer18	£232,00	£312,00	£416,00
6-FAM, HEX, TET	int. Dabcyl	Spacer18	£216,00	£296,00	£400,00
Cy3, Cy5	int. Dabcyl	Spacer18	£216,00	£296,00	£400,00

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	£167,00	£213,00	£355,00
TAMRA	Dabcyl	£167,00	£213,00	£355,00
6-FAM, HEX, TET	BHQ-1	£167,00	£213,00	£355,00
Yakima Yellow	BHQ-1	£211,50	£306,00	£531,00
Cy3, Cy5	BHQ-2	£167,00	£213,00	£355,00
TAMRA, ROX, Texas Red®	BHQ-2	£167,00	£213,00	£355,00
Yakima Yellow	BBQ-650	£211,50	£306,00	£531,00

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		£170,00	£280,00	£490,00

Additional services

Oligonucleotides in 1,5 ml Tubes

Concentration Adjustment from 50 - 500 µM	per Oligo	£0,75
Additional Aliquots	per Aliquot	£0,75

Oligonucleotides in Deepwell Plates (for more than 50 Oligos)

Concentration Adjustment from 50 - 500 µM	per Oligo	£0,75
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 £0,15 per base will be charged
Delivery	Standard oligonucleotides are shipped within 1 - 2 working days. UPS Express Saver shipment to UK: £17,00 per shipment If order value exceeds £650,00: Shipment free of charge 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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