

Price List Oligonucleotides

All prices in CHF, 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	CHF 0,60	CHF 0,76	CHF 1,38	CHF 3,70	CHF 21,70
HPLC per oligo	-----	CHF 13,95	CHF 13,95	CHF 29,45	CHF 91,45
PAGE per oligo	-----	CHF 44,95	CHF 44,95	CHF 75,95	on request
Wobbles	-----	free	free	free	free
2'-deoxy Inosine	-----	CHF 12,40	CHF 13,95	CHF 15,50	CHF 131,75
2'-Deoxyuridine	-----	CHF 12,40	CHF 13,95	CHF 15,50	CHF 131,75
Amino-dT (deoxy Thymidine with aminolink at C5)	-----	CHF 112,00	CHF 168,00	CHF 256,00	on request
FAM-dT (deoxy Thymidine with FAM at C5)	-----	CHF 168,00	CHF 268,80	CHF 296,00	on request
5-Methyl-desoxy Cytidine (5-Me-dC)	-----	CHF 12,40	CHF 13,95	CHF 15,50	CHF 131,75
dSpacer (abasic side)	-----	CHF 72,00	CHF 104,00	CHF 128,00	on request
Spacer18 (hexaethylenglycol spacer)	-----	CHF 60,80	CHF 72,00	CHF 96,00	on request
Phosphothioate (for individual PTO)	-----	CHF 12,80	CHF 12,80	CHF 17,60	CHF 59,20
Phosphothioate (only "Full-PTO")	-----	CHF 4,65	CHF 4,65	CHF 9,30	CHF 46,50
RNA - / 2'-OMe-RNA-Base****	-----	CHF 46,50	CHF 46,50	CHF 93,00	CHF 186,00

* 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 ^[+]	CHF 31,00	CHF 38,75	CHF 46,50	CHF 465,00
Biotin ^[+]	CHF 46,50	CHF 62,00	CHF 93,00	CHF 930,00
Digoxigenin ^[+++]	CHF 94,40	CHF 120,00	CHF 192,00	on request
Ferrocene ^[+++]	CHF 139,50	CHF 224,75	CHF 348,75	on request
Methylene blue ^[+++]	CHF 162,75	CHF 255,75	CHF 387,50	on request
Phosphate ^[+]	CHF 31,00	CHF 38,75	CHF 46,50	CHF 465,00
Thiol C6 ^[++]	CHF 62,00	CHF 93,00	CHF 124,00	on request
6-FAM ^[++]	CHF 46,50	CHF 62,00	CHF 93,00	CHF 930,00
HEX, TET ^[++]	CHF 54,25	CHF 93,00	CHF 186,00	CHF 1.860,00
JOE ^[+++]	CHF 62,00	CHF 116,25	CHF 186,00	on request
SIMA ^[+++]	CHF 62,00	CHF 116,25	CHF 186,00	CHF 1.860,00
Cy3, Cy5 ^[++]	CHF 108,50	CHF 224,75	CHF 348,75	on request
ROX, TAMRA, Rhodamin6G ^[+++]	CHF 62,00	CHF 116,25	CHF 186,00	on request
BMN™-5, BMN™-6 ^[+++]	CHF 62,00	CHF 116,25	CHF 186,00	on request
Texas Red®, Pacific Blue®, Marina Blue® ^[+++]	CHF 108,50	CHF 224,75	CHF 348,75	on request
AMCA ^[+++]	CHF 108,50	CHF 224,75	CHF 348,75	on request
Dyomics dyes ^[+++]	CHF 122,45	CHF 224,75	CHF 348,75	on request
Atto 425, 465, 520, 565, 590 ^[+++]	CHF 97,35	CHF 173,25	CHF 305,25	on request
Atto 390, 488, 495, 532, 550, 595 ^[+++]	CHF 148,50	CHF 239,25	CHF 371,25	on request
Atto 620, 633, 647N, 655 ^[+++]	CHF 173,25	CHF 272,25	CHF 412,50	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	CHF 46,50	CHF 62,00	CHF 124,00	on request
Biotin-TEG	CHF 62,00	CHF 93,00	CHF 139,50	CHF 1.395,00
Digoxigenin	CHF 112,00	CHF 160,00	CHF 296,00	on request
Inverted End (3'-3')	CHF 31,00	CHF 62,00	CHF 124,00	CHF 1.240,00
Phosphate	CHF 46,50	CHF 62,00	CHF 124,00	CHF 1.240,00
Spacer C3	CHF 46,50	CHF 62,00	CHF 124,00	CHF 1.240,00
Thiol C3	CHF 62,00	CHF 93,00	CHF 139,50	on request
6-FAM	CHF 46,50	CHF 62,00	CHF 124,00	CHF 1.240,00
JOE, ROX, TAMRA, Rhodamin6G	CHF 91,45	CHF 162,75	CHF 286,75	on request
BMN™-5, BMN™-6	CHF 91,45	CHF 162,75	CHF 286,75	on request
Texas Red®, Pacific Blue®, Marina Blue®	CHF 178,25	CHF 302,25	CHF 604,45	on request
AMCA	CHF 108,50	CHF 155,00	CHF 286,75	on request
Dyomics dyes	CHF 178,25	CHF 302,25	CHF 604,45	on request
Atto 425, 465, 520, 565, 590	CHF 156,75	CHF 272,25	CHF 495,00	on request
Atto 390, 488, 495, 532, 550, 595	CHF 239,25	CHF 371,25	CHF 594,00	on request
Atto 620, 633, 647N, 655	CHF 272,25	CHF 412,50	CHF 660,00	on request
Dabcyl, Dabsyl	CHF 91,45	CHF 162,75	CHF 286,75	on request
BHQ-1, BHQ-2	CHF 91,45	CHF 162,75	CHF 286,75	on request
DDQ-1, BBQ-650	CHF 91,45	CHF 162,75	CHF 286,75	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	CHF 248,00	CHF 372,00	CHF 620,00
6-FAM, HEX, TET	Dabcyl	CHF 248,00	CHF 372,00	CHF 620,00
6-FAM, HEX, TET	BHQ-1	CHF 302,25	CHF 372,00	CHF 620,00
Cy3, Cy5	BHQ-2	CHF 302,25	CHF 372,00	CHF 620,00
TAMRA, ROX	BHQ-2	CHF 302,25	CHF 372,00	CHF 620,00
6-FAM	DDQ-1	CHF 122,45	CHF 372,00	CHF 620,00
Cy3, TAMRA, TexasRed, ROX, Cy5	BBQ-650	CHF 302,25	CHF 372,00	CHF 620,00

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	CHF 469,80	CHF 631,80	CHF 842,40
Cy3, Cy5	int. BHQ-2	Spacer18	CHF 469,80	CHF 631,80	CHF 842,40
6-FAM, HEX, TET	int. Dabcyl	Spacer18	CHF 437,40	CHF 599,40	CHF 810,00
Cy3, Cy5	int. Dabcyl	Spacer18	CHF 437,40	CHF 599,40	CHF 810,00

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	CHF 364,25	CHF 465,00	CHF 775,00
TAMRA	Dabcyl	CHF 364,25	CHF 465,00	CHF 775,00
6-FAM, HEX, TET	BHQ-1	CHF 364,25	CHF 465,00	CHF 775,00
Cy3, Cy5	BHQ-2	CHF 364,25	CHF 465,00	CHF 775,00
TAMRA, ROX, Texas Red®	BHQ-2	CHF 364,25	CHF 465,00	CHF 775,00

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		CHF 372,00	CHF 620,00	CHF 1.007,50

Additional services

Oligonucleotides in 1,5 ml Tubes

Concentration Adjustment from 50 - 500 µM per Oligo CHF 1,55
Additional Aliquots per Aliquot CHF 1,55

Oligonucleotides in Deepwell Plates (for more than 50 Oligos)

Concentration Adjustment from 50 - 500 µM per Oligo CHF 1,55
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 CHF 0,32 per base will be charged
Delivery	Standard Oligonucleotides are shipped within 1 - 2 working days. Shipment to Switzerland will be CHF 35,00 If order volume exceeds CHF 1000,00 shipment is free
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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