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## DNA OLIGONUCLEOTIDES

**biomers.net**

# DNA PRICE LIST

## DNA OLIGONUCLEOTIDES

SYNTHESIS SCALE <sup>1</sup>	XS 0,02 µmol	S 0,05 µmol	M 0,2 µmol	L 1,0 µmol	XL 10,0 µmol
Price per base	0,40 £	0,50 £	0,89 £	2,41 £	14,31 £
Cartridge purification yield (Cartridge) <sup>2</sup>	no extra charge > 2 OD	no extra charge 3 – 5 OD	– –	– –	– –
HPLC purification per oligo yield (HPLC) <sup>2</sup>	– –	9,90 £ 3 – 5 OD	11,70 £ 10 – 20 OD	18,90 £ 30 – 60 OD	62,10 £ 200 – 400 OD
PAGE purification per oligo yield (PAGE) <sup>2</sup>	– –	– –	53,10 £ 1 – 3 OD	80,10 £ 5 – 10 OD	on request

## PHOSPHOTHIOATE OLIGOS (PTO)

SYNTHESIS SCALE	S	M	L	XL
Phosphothioate (only „Full“-PTO)	3,60 £	4,50 £	6,30 £	27,00 £
Phosphothioate (for individual PTO)	8,91 £	9,90 £	12,60 £	40,50 £

## MID-SCALE DNA SYNTHESIS (XXL)

SYNTHESIS SCALE	XXL10MG	XXL25MG	XXL50MG	XXL100MG	XXL250MG	XXL500MG
Yield (mg)	> 10 mg	> 25 mg	> 50 mg	> 100 mg	> 250 mg	> 500 mg
Yield (OD), approx.	350 OD	850 OD	1700 OD	3400 OD	8500 OD	17000 OD
Yield (µmol) 20mer, approx.	1,5 µmol	3,5 µmol	7,5 µmol	15 µmol	38 µmol	77 µmol
Price per base	17,10 £	22,50 £	40,50 £	72,00 £	126,00 £	225,00 £
Price per base PTO	29,70 £	36,00 £	58,50 £	85,50 £	139,50 £	243,00 £
HPLC purification inclusive	yes	yes	yes	yes	yes	yes

These scales are valid for DNA oligos from 12 to 40 bases without wobbles and modifications. XXL scale oligonucleotides are available with purification by gel filtration or reverse phase HPLC purification. Each oligo will be quality checked by Maldi mass spectrometry. The final amounts are approximate values and valid for a 20mer DNA oligonucleotide with a mixed sequence and not for homopolymers.

SYNTHESIS SCALE	S	M	L
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD
2'-Deoxy-Inosine	7,20 £	8,10 £	9,00 £
2'-Deoxy-Uridine	7,20 £	8,10 £	9,00 £
2'-Fluoro-deoxy base	on request	on request	on request
2'-O-Methoxyethyl-RNA base	126,00 £	126,00 £	126,00 £
2'-O-Methyl-RNA base	35,10 £	35,10 £	54,00 £
2'-O-Propargyl-RNA base	67,50 £	85,50 £	130,50 £
5-Brom-deoxy-Uridine	on request	on request	on request
5-Ethynyl-dU	94,50 £	130,50 £	175,50 £
5-Hydroxymethyl-deoxy-Cytidine (5-hm-dC)	on request	on request	on request
5-Methyl-deoxy-Cytidine (5-Me-dC)	7,20 £	8,10 £	9,00 £
8-Oxo-deoxy-Guanosine	on request	on request	on request
Amino C6 dT	63,00 £	94,50 £	144,00 £
AP-dC (G-Clamp)	on request	on request	on request
Azide dT (Azidobenzoate)	130,50 £	175,50 £	220,50 £
Azide dT (Azidobutyrate)	130,50 £	175,50 £	220,50 £
Biotin dT	189,00 £	261,00 £	369,00 £
C8-Alkyne dC	112,50 £	148,50 £	202,50 £
C8-Alkyne dU	94,50 £	130,50 £	175,50 £
DBCO dT	189,00 £	261,00 £	369,00 £
Ethynyl-dSpacer	on request	on request	on request
L-DNA base <sup>3</sup>	starting at 18,00 £	starting at 22,50 £	starting at 27,00 £
Locked Nucleic Acid base (LNA)	starting at 9,90 £	starting at 9,90 £	starting at 28,80 £
PC Linker, PC Spacer	on request	on request	on request
pdC, pdU	27,00 £	36,00 £	54,00 £

SYNTHESIS SCALE	S	M	L
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD
reverse DNA base	starting at 6,75 £	starting at 9,00 £	starting at 13,50 £
RNA base	54,00 £	72,00 £	108,00 £
dSpacer	starting at 40,50 €	starting at 58,50 €	starting at 76,50 €
Spacer C3	58,50 £	72,00 £	108,00 £
Spacer C6	58,50 £	72,00 £	108,00 £
Spacer C12	58,50 £	72,00 £	108,00 £
Spacer 9	58,50 £	72,00 £	108,00 £
Spacer 12	on request	on request	on request
Spacer 18 (HEG)	34,20 £	40,50 £	54,00 £
Thiol C6 SS	153,00 £	198,00 £	243,00 £
Wobbles (standard)	on request	on request	on request
Wobbles (special mixture)	27,00 £	27,00 £	27,00 £

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
SYNTHESIS SCALE						
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD	>2 OD	>5 OD	>15 OD
2', 3'-Dideoxy- Cytidine (ddC)	–	–	–	108,00 €	162,00 €	630,00 €
2-Cyanobenzothiazole	112,50 €	175,50 €	351,00 €	–	–	–
Acridinium Ester	207,00 €	261,00 €	369,00 €	207,00 €	261,00 €	369,00 €
Acrydite (Methacrylamide)	94,50 €	148,50 €	225,00 €	112,50 €	148,50 €	225,00 €
Aldehyde (Formylbenzoate)	80,10 €	130,50 €	166,50 €	103,50 €	148,50 €	184,50 €
Alkyne (ACH)	71,10 €	130,50 €	202,50 €	71,10 €	130,50 €	202,50 €
Aminolink C3	–	–	–	40,50 €	49,50 €	81,00 €
Aminolink C6 MMT	27,00 €	31,50 €	40,50 €	31,50 €	40,50 €	76,50 €
Aminolink C12	on request	on request	on request	on request	on request	on request
Aminooxyacetate (AOA)	85,50 €	130,50 €	175,50 €	–	–	–
Anthracinone	53,10 €	85,50 €	130,50 €	71,70 €	130,50 €	175,50 €
Azide (Azidobenzoate)	53,10 €	85,50 €	130,50 €	–	–	–
Azide (Azidobutyrate)	71,10 €	130,50 €	202,50 €	–	–	–
Azide Pro	–	–	–	71,10 €	130,50 €	202,50 €
Benzophenone	53,10 €	85,50 €	130,50 €	71,10 €	94,50 €	166,50 €
Benzylcytosine	on request	on request	on request	on request	on request	on request
Benzylguanine	on request	on request	on request	on request	on request	on request
Biotin	44,10 €	58,50 €	89,10 €	–	–	–
Biotin-C6	54,00 €	72,00 €	94,50 €	–	–	–
Biotin-TEG	53,10 €	67,50 €	108,00 €	36,00 €	54,00 €	81,00 €
Carboxymethylaniline (4-CMA)	81,00 €	130,50 €	202,50 €	130,50 €	202,50 €	270,00 €
Carboxy Modifier C10	on request	on request	on request	–	–	–
Cholesterol <sup>3</sup>	starting at 81,00 €	starting at 108,00 €	265,50 €	71,10 €	130,50 €	202,50 €

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
SYNTHESIS SCALE						
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD	>2 OD	>5 OD	>15 OD
Coenzyme A	on request	on request	on request	on request	on request	on request
Cysteine (tbuSS)	94,50 €	112,50 €	202,50 €	112,50 €	148,50 €	261,00 €
DBCO	44,10 €	62,10 €	89,10 €	62,10 €	80,10 €	125,10 €
Desthiobiotin	85,50 €	148,50 €	270,00 €	85,50 €	148,50 €	270,00 €
Digoxigenin	53,10 €	67,50 €	108,00 €	63,00 €	90,00 €	166,50 €
Distearoyl lipid	on request	on request	on request	–	–	–
DNP	53,10 €	67,50 €	108,00 €	53,10 €	67,50 €	108,00 €
Dual Biotin	261,00 €	351,00 €	531,00 €	288,00 €	378,00 €	558,00 €
Ethane-Diol	on request	on request	on request	–	–	–
Ethynyl-dSpacer	–	–	–	94,50 €	148,50 €	225,00 €
Ferrocene	81,00 €	130,50 €	202,50 €	126,00 €	175,50 €	247,50 €
Folate	on request	on request	on request	–	–	–
GlyGlyGly	94,50 €	130,50 €	202,50 €	103,50 €	148,50 €	225,00 €
HaloTag (O2)	130,50 €	202,50 €	315,00 €	175,50 €	247,50 €	351,00 €
HaloTag (O4)	148,50 €	265,50 €	378,00 €	211,50 €	315,00 €	459,00 €
Hexynyllink	on request	on request	on request	–	–	–
His6	on request	on request	on request	on request	on request	on request
Hydrazide	80,10 €	130,50 €	202,50 €	–	–	–
Ibuprofen	53,10 €	94,50 €	166,50 €	71,10 €	130,50 €	202,50 €
Iminobiotin	on request	on request	on request	on request	on request	on request
Inverted End (3'-3')	–	–	–	18,00 €	36,00 €	72,00 €
Maleimidlink	85,50 €	148,50 €	270,00 €	130,50 €	225,00 €	405,00 €
Methylene Blue	94,50 €	148,50 €	225,00 €	103,50 €	175,50 €	351,00 €

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
SYNTHESIS SCALE						
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD	>2 OD	>5 OD	>15 OD
Nile Blue	103,50 £	175,50 £	351,00 £	103,50 £	175,50 £	351,00 £
Norbornene	53,10 £	94,50 £	166,50 £	–	–	–
OPSS	53,10 £	67,50 £	108,00 £	71,10 £	85,50 £	148,50 £
Palmitate	on request	on request	on request	on request	on request	on request
PC Aminomodifier	on request	on request	on request	–	–	–
PC Biotin	on request	on request	on request	–	–	–
Phosphate	31,50 £	36,00 £	49,50 £	27,00 £	36,00 £	49,50 £
Psoralen C6	on request	on request	on request	–	–	–
Puromycin	–	–	–	63,00 £	81,00 £	144,00 £
Pyrene	94,50 £	148,50 £	225,00 £	94,50 £	148,50 £	225,00 £
rApp	on request	on request	on request	–	–	–
SCO PEG3	80,10 £	130,50 £	202,50 £	–	–	–
Spacer C3	58,50 £	72,00 £	108,00 £	27,00 £	36,00 £	72,00 £
Spacer C6	58,50 £	72,00 £	108,00 £	27,00 £	36,00 £	72,00 £
Spacer C12	58,50 £	72,00 £	108,00 £	36,00 £	54,00 £	81,00 £
Spacer 9	58,50 £	72,00 £	108,00 £	36,00 £	54,00 £	81,00 £
Spacer 12	on request	on request	on request	on request	on request	on request
Spacer 18	34,20 £	40,50 £	54,00 £	27,00 £	36,00 £	72,00 £
Succinate	49,50 £	76,50 £	135,00 £	–	–	–
TCO	80,10 £	130,50 £	202,50 £	94,50 £	148,50 £	225,00 £
Tetrazine (Methyltetrazine PEG5)	94,50 £	148,50 £	225,00 £	94,50 £	148,50 £	225,00 £
Thioctic Acid	63,00 £	130,50 £	202,50 £	63,00 £	130,50 £	202,50 £
Thiol C3	–	–	–	62,10 £	80,10 £	112,50 £

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
<b>Guaranteed yield<sup>2</sup></b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>
<b>Thiol C6</b>	62,10 €	80,10 €	112,50 €	80,10 €	112,50 €	175,50 €
<b>Thiophosphate</b>	36,00 €	45,00 €	58,50 €	36,00 €	45,00 €	58,50 €
<b>Tocopherol</b>	171,00 €	261,00 €	360,00 €	130,50 €	175,50 €	261,00 €
<b>Trimethoxystilbene</b>	on request	on request	on request	–	–	–
<b>Trolox</b>	53,10 €	94,50 €	166,50 €	71,10 €	130,50 €	202,50 €
<b>Viologen</b>	130,50 €	175,50 €	261,00 €	–	–	–



MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
SYNTHESIS SCALE						
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD	>2 OD	>5 OD	>15 OD
<b>Abberior dyes</b>	on request	on request	on request	on request	on request	on request
<b>AMCA</b>	63,00 €	130,50 €	202,50 €	63,00 €	90,00 €	166,50 €
<b>Atto 390</b>	80,10 €	130,50 €	202,50 €	130,50 €	202,50 €	265,50 €
<b>Atto 425</b>	80,10 €	130,50 €	202,50 €	130,50 €	202,50 €	265,50 €
<b>Atto 430LS</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 465</b>	80,10 €	130,50 €	202,50 €	130,50 €	202,50 €	265,50 €
<b>Atto 488</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 490LS</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 495</b>	80,10 €	130,50 €	202,50 €	130,50 €	202,50 €	265,50 €
<b>Atto Rho110</b>	94,50 €	175,50 €	292,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 514</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 520</b>	80,10 €	130,50 €	202,50 €	130,50 €	202,50 €	265,50 €
<b>Atto 532</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto Rho6G</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 542</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>Atto 550</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 565</b>	80,10 €	130,50 €	202,50 €	130,50 €	202,50 €	265,50 €
<b>Atto Rho 3B</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto Rho11</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto Rho12</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto Rho101</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 590</b>	80,10 €	130,50 €	202,50 €	130,50 €	202,50 €	265,50 €
<b>Atto 594</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
<b>SYNTHESIS SCALE</b>						
<b>Guaranteed yield<sup>2</sup></b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>
<b>Atto 610</b>	94,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>Atto 620</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>Atto 633</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>Atto 643</b>	175,50 €	265,50 €	400,50 €	220,50 €	319,50 €	441,00 €
<b>Atto 647N</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>Atto 655</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>Atto 665</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>Atto MB2</b>	80,10 €	130,50 €	202,50 €	225,00 €	382,50 €	715,50 €
<b>Atto 680</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>Atto 700</b>	130,50 €	202,50 €	328,50 €	166,50 €	265,50 €	382,50 €
<b>BDP FL, BDP R6G, BDP TMR,</b>	71,10 €	94,50 €	166,50 €	85,50 €	148,50 €	270,00 €
<b>BDP 581/591, BDP TR, BDP 630/650 X</b>						
<b>BMN-488</b>	81,00 €	130,50 €	202,50 €	130,50 €	175,50 €	351,00 €
<b>BMN-505, BMN-536, BMN-562</b>	36,00 €	67,50 €	108,00 €	-	-	-
<b>Carboxyrhodamine 110</b>	71,10 €	94,50 €	166,50 €	85,50 €	148,50 €	270,00 €
<b>Cyanine 3, Cyanine 5,</b>	62,10 €	94,50 €	166,50 €	71,10 €	94,50 €	166,50 €
<b>Cyanine 3.5, Cyanine 5.5,</b>						
<b>Cyanine 7</b>						
<b>Cyanine 3B</b>	on request	on request	on request	on request	on request	on request
<b>DY-350</b>	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>DY-350-XL</b>	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
<b>DY-370-XL</b>	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
SYNTHESIS SCALE						
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD	>2 OD	>5 OD	>15 OD
DY-380-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-395-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-405	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-415	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-475-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-480-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-481-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-485-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-490	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-495	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-500-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-505	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-510-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-520-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-521-XL	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-530	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-547 P1	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-550	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-555	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-556	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-560	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-590	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-615	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €

MODIFICATIONS	5'			3'		
SYNTHESIS SCALE	S	M	L	S	M	L
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD	>2 OD	>5 OD	>15 OD
DY-630	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-631	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-632	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-634	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-636	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-647 P1	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-649 P1	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-651	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-675	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-676	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-679	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-681	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-682	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-700	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-701	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-730	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-750	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-751	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-781	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
DY-782	85,50 €	175,50 €	265,50 €	148,50 €	225,00 €	351,00 €
Fam	31,50 €	40,50 €	76,50 €	49,50 €	63,00 €	130,50 €
FITC	53,10 €	94,50 €	166,50 €	71,10 €	94,50 €	166,50 €
Hex	40,50 €	58,50 €	112,50 €	71,10 €	130,50 €	202,50 €

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
<b>Guaranteed yield<sup>2</sup></b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>
Joe	53,10 €	94,50 €	166,50 €	71,10 €	130,50 €	202,50 €
Marina Blue	71,10 €	130,50 €	202,50 €	103,50 €	175,50 €	351,00 €
NBD-X	112,50 €	148,50 €	202,50 €	-	-	-
Oregon Green 488	71,10 €	130,50 €	202,50 €	103,50 €	175,50 €	351,00 €
Pacific Blue	71,10 €	130,50 €	202,50 €	103,50€	175,50 €	351,00 €
Rhodamine 6G	53,10 €	94,50 €	166,50 €	53,10 €	94,50 €	166,50 €
Rhodamine Green-X, Rhodamine Red-X	71,10 €	130,50 €	202,50 €	103,50 €	175,50 €	351,00 €
Rox	53,10 €	94,50 €	166,50 €	53,10 €	94,50 €	166,50 €
Sima	31,50 €	54,00 €	108,00 €	-	-	-
SiR	225,00 €	351,00 €	675,00 €	261,00 €	405,00 €	801,00 €
Tamra	53,10 €	94,50 €	166,50 €	53,10 €	94,50 €	166,50 €
Tet	53,10 €	94,50 €	166,50 €	-	-	-
Texas Red-X	71,10 €	130,50 €	202,50 €	103,50 €	175,50 €	351,00 €
Thiazol Orange	71,10 €	94,50 €	202,50 €	81,00 €	130,50 €	261,00 €
VIC	on request	on request	on request	on request	on request	on request
Yakima Yellow	on request	on request	on request	-	-	-

MODIFICATIONS	5'			3'		
	S	M	L	S	M	L
<b>Guaranteed yield<sup>2</sup></b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>
<b>BMN-Q460, BMN-Q535,</b>	71,10 €	94,50 €	166,50 €	53,10 €	94,50 €	166,50 €
<b>BMN-Q620</b>						
<b>BMN-Q1, BMN-Q2</b>	175,50 €	202,50 €	351,00 €	53,10 €	94,50 €	166,50 €
<b>BBQ-650</b>	71,10 €	130,50 €	261,00 €	71,10 €	112,50 €	202,50 €
<b>BHQ-1</b>	on request	on request	on request	71,10 €	112,50 €	202,50 €
<b>BHQ-2</b>	on request	on request	on request	71,10 €	112,50 €	202,50 €
<b>Dabcyl</b>	42,00 €	75,00 €	135,00 €	42,00 €	75,00 €	135,00 €
<b>TQ2</b>	–	–	–	71,10 €	112,50 €	202,50 €
<b>TQ3</b>	–	–	–	71,10 €	112,50 €	202,50 €

**INTERNAL FLUORESCENT MODIFICATIONS | INTERNAL DYES AND QUENCHERS Part 1**

SYNTHESIS SCALE <sup>1</sup>	S	M	L
<b>Guaranteed yield<sup>2</sup></b>	<b>&gt;2 OD</b>	<b>&gt;5 OD</b>	<b>&gt;15 OD</b>
<b>dT-Atto dye</b>	starting at 207,00 €	starting at 279,00 €	starting at 391,50 €
<b>dT-BHQ-1, BHQ-2</b>	on request	on request	on request
<b>dT-Cyanine 3, Cyanine 5, Cyanine 5.5</b>	189,00 €	261,00 €	369,00 €
<b>dT-Dabcyl</b>	253,80 €	253,80 €	288,00 €
<b>dT-DY dye</b>	starting at 207,00 €	starting at 279,00 €	starting at 391,50 €
<b>dT-Fam</b>	94,50 €	112,50 €	166,50 €
<b>dT-Joe</b>	189,00 €	261,00 €	369,00 €
<b>dT-Rhodamine 6G</b>	189,00 €	261,00 €	369,00 €
			369,00 €

SYNTHESIS SCALE <sup>1</sup>	S	M	L
Guaranteed yield <sup>2</sup>	>2 OD	>5 OD	>15 OD
<b>dT-Rhodamine Green-X</b>	261,00 €	351,00 €	531,00 €
<b>dT-Rox</b>	189,00 €	261,00 €	369,00 €
<b>dT-Tamra</b>	189,00 €	261,00 €	369,00 €

**DUAL-LABELLED PROBES<sup>5</sup>**

SYNTHESIS SCALE		S	M	L
Guaranteed yield <sup>2</sup>		>1 OD	>3 OD	>6 OD
5'-Fluorophor	3'-Quencher			
<b>Fam, Hex</b>	BMN-Q535, BMN-Q1	85,50 €	202,50 €	324,00 €
	TQ2, BHQ-1, BBQ-650, Tamra	112,50 €	216,00 €	396,00 €
<b>Cyanine 3, Cyanine 3.5, Cyanine 5, Cyanine 5.5</b>	BMN-Q620, BMN-Q2	85,50 €	202,50 €	324,00 €
	TQ2, TQ3, BHQ-1, BHQ-2, BBQ-650	112,50 €	216,00 €	396,00 €
<b>Rox</b>	BMN-Q620, BMN-Q2	85,50 €	202,50 €	324,00 €
	TQ3, BHQ-2, BBQ-650	112,50 €	216,00 €	396,00 €
<b>Texas Red</b>	BMN-Q620, BMN-Q2	152,10 €	216,00 €	396,00 €
	BHQ-2, BBQ-650	175,50 €	216,00 €	396,00 €
<b>VIC</b>	BMN-Q535, BMN-Q1, BMN-Q2, TQ2, BHQ-1	175,50 €	216,00 €	396,00 €
<b>Joe</b>	BMN-Q535, BMN-Q1	85,50 €	202,50 €	324,00 €
	TQ2, BHQ-1, BBQ-650	112,50 €	216,00 €	396,00 €
<b>Yakima Yellow</b>	BHQ-1, BBQ-650	on request	on request	on request
<b>Atto, DY</b>	BMN Quenchers	starting at 175,50 €	starting at 238,50 €	starting at 441,00 €
	TQ, BHQ, BBQ Quenchers	starting at 202,50 €	starting at 256,50 €	starting at 490,50 €

Prices are only valid for selected Atto and Dyomics dyes and may differ.  
Please do not hesitate to contact our customer support for more information.

SYNTHESIS SCALE		S	M	L
Guaranteed yield <sup>2</sup>		>1 OD	>3 OD	>6 OD
5'-Fluorophor	3'-Quencher			
Fam, Hex, Sima, Tet, Cyanine 3, Rox, Cyanine 3.5, Cyanine 5, Cyanine 5.5	BMN-Q535, TQ2, TQ3, BHQ-1, BHQ-2, BBQ-650, Dabcyl	112,50 £	270,00 £	450,00 £
Yakima Yellow, Joe, Texas Red, Atto Dyes, Dyomics Dyes	BMN-Q535, TQ2, TQ3, BHQ-1, BHQ-2, BBQ-650, Dabcyl	starting at 211,50 £	starting at 270,00 £	starting at 450,00 £

#### Annotation to Dual labelled probes and Molecular Beacons

All standard fluorophore/quencher combinations can be ordered online.

If you need a combination that is not listed here, please do not hesitate to contact us.

### Double Quenched Probes

SYNTHESE - SCALE			S	M	L
Guaranteed yield <sup>2</sup>			>1 OD	>3 OD	>6 OD
5'-Fluorophor	int. Quencher	3'-Quencher			
Fam	BMN-Q535	BMN-Q535	103,50 £	220,50 £	360,00 £
Hex, Joe	BMN-Q535	BMN-Q535	143,10 £	220,50 £	441,00 £
Cyanine, Rox, Tamra	BMN-Q620	BMN-Q620	175,50 £	220,50 £	360,00 £
Atto dye	BMN-Q535, BMN-Q620	BMN-Q535, BMN-Q620	starting at 175,50 £	starting at 261,00 £	starting at 441,00 £

Prices are only valid for selected Atto and Dyomics dyes and may differ.

Please do not hesitate to contact our customer support for more information.

### DOPE-FISH PROBES<sup>5</sup>

SYNTHESIS SCALE		S	M	L
Guaranteed yield <sup>2</sup>		>1 OD	>3 OD	>6 OD
3', 5'-Fam, FITC, Cyanine, Tamra		121,50 £	166,50 £	270,00 £
Atto dye		starting at 202,50 £	starting at 261,00 £	starting at 441,00 £



SYNTHESIS SCALE	S	M	L
Guaranteed yield <sup>2</sup>	> 1 OD	> 2 OD	> 4 OD
Price per Conjugate	229,50 €	360,00 €	585,00 €

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## OLIGO PRODUCTS

Random Hexamer	SP10001	1 OD	7,20 €
		5 OD	12,60 €
		10 OD	21,60 €
Oligo dT20	SP10002	1 OD	7,20 €
		5 OD	12,60 €
		10 OD	21,60 €
RNase Substrate	SP10003	10 nmol	175,50 €
TSO Oligo	SP10004	1 OD	85,50 €
Oligo-dT30VN	SP10005	1 OD	26,10 €
ISPCR Oligo	SP10006	1 OD	17,10 €
FLAP X (Fam)	SM10001	1 OD	85,50 €
FLAP X (Cyanine 3)	SM10002	1 OD	85,50 €
FLAP X (Cyanine 5)	SM10003	1 OD	85,50 €
FLAP Y (Fam)	SM10004	1 OD	85,50 €
FLAP Y (Cyanine 3)	SM10005	1 OD	85,50 €
FLAP Y (Cyanine 5)	SM10006	1 OD	85,50 €
FLAP Z (Fam)	SM10007	1 OD	85,50 €
FLAP Z (Cyanine 3)	SM10008	1 OD	85,50 €
FLAP Z (Cyanine 5)	SM10009	1 OD	85,50 €
Universal Reporter URA (Fam)	UR10001	1 nmol	112,00 €
Universal Reporter URB (Hex)	UR10002	1 nmol	112,00 €
Universal Reporter URC (Rox)	UR10003	1 nmol	112,00 €
Universal Reporter URD (Cyanine 5)	UR10004	1 nmol	112,00 €
Universal Reporter URE (Cyanine 5.5)	UR10005	1 nmol	112,00 €

**FOR OLIGOS IN TUBES**

Concentration adjustment from 50 – 500 µM <sup>8</sup>	per oligo	starting at 0,90 £
Additional aliquots <sup>8</sup>	per aliquot	starting at 0,90 £

**FOR OLIGOS IN 96 DEEPWELL-PLATES (for more than 50 oligonucleotides)**

Concentration adjustment from 50 – 500 µM <sup>8</sup>	per oligo	starting at 0,90 £
96 Deepwell Plate <sup>9</sup>	per plate	no extra charge

**FURTHER SERVICES ARE AVAILABLE ON REQUEST E. G.:**

<b>Purifications</b>	Ion exchange HPLC (IEX-HPLC) / multiple reverse phase HPLC / gel filtration
<b>Analytics</b>	Capillary gel electrophoresis (CE) / analytical HPLC / electrospray mass spectrometry / fluorescence spectroscopy
<b>Quantify and dissolution</b>	extensive verification of concentrations / several buffer systems / aliquots
<b>Documentation</b>	Extended documentation / lot tracing / E-certificate



plus an additional 5 % Early Bird Discount<sup>10</sup> on all orders between 6:00 and 9:30 am



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You have any questions or suggestions? Do you need modifications, which aren't listed? Contact us!  
[info@biomers.net](mailto:info@biomers.net) | +49 731 70 396 0

**1** The synthesis scale reflects the amount of starting material and not the final yield. The minimum length for scales XS, S, M and XL is 12 bases, for scale L 6 bases. The maximum length for scale XS is 60 bases for scales S, M, L 140 bases, for scale XL 40 bases. Synthesis scale XS is only available with cartridge purification, scales M, L, XL are only available with HPLC purification. Each oligo up to 50 bases is quality checked by Maldi mass spectrometry.

**2** The delivery amounts are valid for mixed sequences and may vary for oligonucleotides with strong secondary structures and homopolymers. The lower yields are guaranteed for a 20mer DNA oligonucleotide.

**3** The price depends on the number of identical modifications per order. Please do not hesitate to contact our customer support for more information.

**4** Prices per modification are valid for single modified oligonucleotides using standard coupling reaction chemistry (NHS ester) and include the HPLC purification of the oligonucleotide. Maximum length for 5'-modified oligos is 80 bases, maximum length for 3'-modified oligos is 45 bases. Longer oligos with end modifications on request.

**5** Prices include DNA oligonucleotide with max. 40 bases, 5'- and 3'-modification, HPLC purification and Maldi control.

**6** 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 with max. 40 bases, 5'- and 3'-modification, HPLC purification and Maldi control.

**7** Price includes DNA oligonucleotide up to 30 bases, conjugation and PAGE purification.

**8** Prices depend on the scale of oligonucleotides. Information on the concentration adjustment depends on the scale of the oligo and the feasibility.

**9** For >50 oligos per plate, with oligos in columns without gaps. For other plate configurations please ask for prices and instructions.

**10** On all articles except shipping costs.

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