



This price list is valid from 20.10.2017 and replaces all previous PNA price lists from biomers.net |  
Prices are in £ and subject to change without prior notice | VAT and shipping costs may apply

## **PNA OLIGONUCLEOTIDES**

**biomers.net**

# PNA PRICE LIST

## PNA OLIGONUCLEOTIDES

### PNA 6-12 BASES

SYNTHESIS SCALE	PS12	PM12	PL12
YIELD (mol), approx. <sup>1</sup>	30 nmol	100 nmol	1 µmol
Price per oligo	421,20 £	758,16 £	2.274,48 £
HPLC purification <sup>2</sup>	incl.	incl.	incl.
additional HPLC purification <sup>2</sup>	252,72 £	758,16 £	2.274,48 £

Prices encompass the complete oligonucleotide including the bases (min. and max. number of the bases as specified). All oligonucleotides are quality controlled by Maldi.

### PNA 13-18 BASES

SYNTHESIS SCALE	PS18	PM18	PL18
YIELD (mol), approx. <sup>1</sup>	30 nmol	100 nmol	1 µmol
Price per oligo	458,64 £	825,55 £	2.476,66 £
HPLC purification <sup>2</sup>	incl.	incl.	incl.
additional HPLC purification <sup>2</sup>	276,12 £	826,49 £	2.477,12 £

Prices encompass the complete oligonucleotide including the bases (min. and max. number of the bases as specified). All oligonucleotides are quality controlled by Maldi.

### PNA 19-25 BASES

SYNTHESIS SCALE	PS25	PM25	PL25
YIELD (mol), approx. <sup>1</sup>	30 nmol	100 nmol	1 µmol
Price per oligo	486,72 £	876,10 £	2.628,29 £
HPLC purification <sup>2</sup>	incl.	incl.	incl.
additional HPLC purification <sup>2</sup>	292,50 £	526,73 £	2.628,52 £

Prices encompass the complete oligonucleotide including the bases (min. and max. number of the bases as specified). All oligonucleotides are quality controlled by Maldi.

SYNTHESIS SCALE <sup>3</sup>	PS	PM	PL
YIELD (mol), approx. <sup>1</sup>	30 nmol	100 nmol	1 µmol
Acetyl	no extra charge	no extra charge	no extra charge
6-Aminohexanoic acid (Ahx)	7,02 £	7,02 £	7,02 £
Atto 488	497,25 £	596,70 £	1.790,10 £
Azido hexanoic acid	70,20 £	77,22 £	154,44 £
Biotin	35,10 £	38,61 £	77,22 £
Cyanine 3	175,50 £	210,60 £	631,80 £
Cyanine 5	175,50 £	210,60 £	631,80 £
Fam	52,65 £	57,92 £	115,83 £
Tamra	93,60 £	102,96 £	205,92 £
Texas Red	643,50 £	707,85 £	1.415,70 £
Thioctic acid	25,74 £	25,74 £	51,48 £
other dyes	on request	on request	on request

Price per modification, HPLC purification for modified PNA oligonucleotides is already included.

## MODIFICATIONS C-TERMINUS (COUPLING VIA ADD. LYSINE, CORRESPONDS TO 3'-END) <sup>4</sup> Part 1

SYNTHESIS SCALE <sup>3</sup>	PS	PM	PL
YIELD (mol), approx. <sup>1</sup>	30 nmol	100 nmol	1 µmol
Atto 488	745,88 £	895,05 £	2.685,15 £
Azidolysine	87,75 £	96,53 £	193,05 £
Biotin	70,20 £	77,22 £	154,44 £
Cyanine 3	228,15 £	263,25 £	684,45 £
Cyanine 5	228,15 £	263,25 £	684,45 £
Dabcyl	87,75 £	96,53 £	193,05 £
Dabsyl	87,75 £	96,53 £	193,05 £
Fam	115,83 £	127,41 £	254,83 £

SYNTHESIS SCALE <sup>3</sup>	PS	PM	PL
YIELD (mol), approx. <sup>1</sup>	30 nmol	100 nmol	1 µmol
<b>Tamra</b>	146,25 £	160,88 £	321,75 £
<b>Acid (without additional Lysine)</b>	58,50 £	64,35 £	128,70 £
<b>other dyes</b>	on request	on request	on request

Price per modification, HPLC purification for modified PNA oligonucleotides is already included.

## INTERNAL MODIFICATIONS<sup>4</sup>

SYNTHESIS SCALE <sup>3</sup>	PS	PM	PL
YIELD (mol), approx. <sup>1</sup>	30 nmol	100 nmol	1 µmol
<b>8-Amino-3,6-dioxaoctanoic acid (Doa, AEEA)</b>	23,40 £	25,74 £	51,48 £
<b>6-Aminohexanoic acid (Ahx)</b>	7,02 £	7,72 £	15,44 £
<b>Standard L-amino acids</b>	7,02 £	7,02 £	15,80 £
<b>Thiol via Cys</b>	7,02 £	7,72 £	15,44 £

Price per modification, HPLC purification for modified PNA oligonucleotides is already included.

You have questions or suggestions? Do you need modifications, which are not listed? [Contact us!](#)

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Depending on the complexity of the PNA oligonucleotides, the synthesis can take about 4-8 weeks.

**1** The delivery amount is valid for mixed sequences and may vary for oligonucleotides with strong secondary structures and homopolymers. The yields are minimal amounts and guaranteed for a PNA oligonucleotide. Due to the different sequence-related behavior of a PNA during synthesis and purification process, we cannot guarantee a successful synthesis and purification. We will contact you instantly if unexpected complications occur.

**2** Each PNA oligonucleotide is purified by HPLC with a final purity of approx. 80%. The additional purification by HPLC achieves a purity of > 90% and is calculated in addition to the PNA base price.

**3** The minimal length in scale S, M and L is 6 bases, the maximum length is 25 bases.

**4** The price already includes a N- or C-terminal modification, a HPLC purification and Maldi mass quality control. The price for the PNA oligonucleotide is calculated separately. Further modifications are available on request.

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