



Custom DNA oligo synthesis – price list

22 October 2008

Manufacturer: **Bioneer**, one of the world's leading suppliers of custom DNA synthesis services

Quality control: All oligos are checked by MALDI-TOF (≤ 50 mer) or CE/PAGE (> 50 mer) for strict quality control

Purity: All standard oligos are cartridge (OPC) purified *free of charge* for superior purity

Synthesis and Purification

Synthesis Scale	Price/base*	Max length	Purification Price		
			OPC	PAGE	HPLC
25 nmole	R 4.90	60	Free	-	-
50 nmole	R 7.00	75	Free	R 385	R 385
200 nmole	R 11.00	110	Free	R 440	R 440
1 umole	R 25.00	130	Free	R 850	R 850
10 umole	R 205.00	130	Free	R 3,300	R 3,300
15 umole	R 280.00	130	Free	R 4,750	R 4,750

* 5% discount for orders of more than 25 oligos

* 7.5% discount for orders of more than 50 oligos

* 10% discount for orders of more than 100 oligos

Modifications

Modification	Synthesis Scale				
	50 nmole	200 nmole	1 umole	10 umole	15 umole
5' C6 Amine	R 85	R 135	R 330	R 1,860	R 2,450
5' Phosphate	R 190	R 265	R 460	R 2,150	R 2,770
5' Biotin	R 200	R 265	R 645	R 3,310	R 4,160
5' Thiol	R 1,440	R 1,440	R 2,150	-	-
5' C3 spacer	R 240	R 265	R 520	R 2,910	R 3,600
5' C6 spacer	R 240	R 265	R 520	R 2,910	R 3,600
5' C12 spacer	R 240	R 265	R 520	R 2,910	R 3,600
5' 18 atom spacer	R 585	R 710	R 1,020	R 4,280	R 4,720
5' Methyl dC	R 585	R 710	R 1,020	R 4,280	R 4,720
5' FAM	R 395	R 520	R 1,020	R 6,490	R 8,210
5' TAMRA	R 395	R 645	R 1,260	R 6,380	R 8,000
5' CY5	R 940	R 1,170	R 2,270	R 7,980	R 10,020
5' CY3	R 940	R 1,170	R 2,270	R 7,980	R 10,020
5' HEX	R 720	R 955	R 1,410	R 7,220	R 9,070
5' TET	R 720	R 955	R 1,410	R 7,220	R 9,070

* All prices exclude VAT and shipping



Modifications (continued)

Modification	Synthesis Scale				
	50 nmole	200 nmole	1 umole	10 umole	15 umole
3' C6 Amine	R 165	R 240	R 395	R 2,040	R 2,560
3' Phosphate	R 240	R 330	R 520	R 2,450	R 3,140
3' Biotin	R 420	R 520	R 1,020	R 5,170	R 6,490
3' C3 spacer	R 520	R 585	R 1,020	R 3,370	R 4,280
3' C6 spacer	R 520	R 585	R 1,020	R 3,370	R 4,280
3' C12 spacer	R 520	R 585	R 1,020	R 3,370	R 4,280
3' C18 atom spacer	R 585	R 710	R 1,020	R 4,280	R 4,720
3' FAM	R 420	R 520	R 1,020	R 6,490	R 8,210
3' TAMRA	R 645	R 895	R 1,500	R 6,920	R 8,850
3' CY5	-	R 4,740	R 4,740	-	-
3' CY3	-	R 3,630	R 4,740	-	-
3' Thiol	R 1,360	R 1,360	R 2,030	-	-
Internal Amine	R 165	R 240	R 395	R 6,380	R 8,000
Internal Biotin	R 520	R 585	R 1,620	R 10,220	R 12,920
Internal FAM	R 1,980	R 2,450	R 3,260	R 11,990	R 16,110
Internal C3 spacer	R 520	R 585	R 1,020	R 3,370	R 4,280
Internal C6 spacer	R 520	R 585	R 1,020	R 3,370	R 4,280
Internal C12 spacer	R 520	R 585	R 1,020	R 3,370	R 4,280
Internal 18 atom spacer	R 585	R 710	R 1,020	R 4,280	R 4,720
5'-FAM + 3'-TAMRA	R 1,860	R 2,740	R 4,160	R 20,450	R 25,500
5'-HEX + 3'-TAMRA	R 1,860	R 2,740	R 4,160	R 20,450	R 25,500
5'-TET + 3'-TAMRA	R 1,860	R 2,740	R 4,160	R 20,450	R 25,500
5'-FAM + 3'-DABCYL	R 1,860	R 2,740	R 4,160	R 20,450	R 25,500
5'-TAMRA + 3'-DABCYL	R 1,860	R 2,740	R 4,160	R 20,450	R 25,500
5'-HEX + 3'-DABCYL	R 1,860	R 2,740	R 4,160	R 20,450	R 25,500
5'-TET + 3'-DABCYL	R 1,860	R 2,740	R 4,160	R 20,450	R 25,500
Chimeric RNA bases	R 49	R 64	R 110	R 660	R 895
Chimeric RNA (HPLC purified)	R 64	R 85	R 175	R 1,070	R 1,450
2'-O-Me RNA Bases	R 98	R 110	R 215	R 1,400	R 1,790
Phosphorothioate (per insertion)	R 17	R 33	R 64	R 215	R 280
Inosine	R 75	R 98	R 135	R 770	R 1,020
Deoxy Uridine	R 75	R 135	R 190	R 695	R 955

* All prices exclude VAT and shipping