

Eurofins Genomics Custom DNA Oligos

* DNA oligos 合成長度: unmodified DNA 為 5-120 bases / modified DNA 為 5-80 bases

** 0.01 μmole 合成規格長度限制為 5-50 bases

*** 所有 modification 均為 HPLC 純化

**** Quality control by OD measurement, MALDI-TOF MS or Capillary Gel Electrophoresis

Purification Option	Purity	Synthesis Scale [μmol]	0.01	0.05	0.20	1.00	10.00
HPSF®	≥ 70%	Price per Base (NT\$)	29	35	53	150	1,134
HPLC	≥ 80%	Price per Base (NT\$)	59	65	95	191	1,914

DNA Modifications

Purification Option	Synthesis Scale [μmol]	0.01	0.05	0.20	1.00
HPSF®	Min. Yield [OD]	2	3	5	10
HPLC	Min. Yield [OD]	1	2	3	6

Non Fluorescent Modifications

Modification	0.01 μmole (NTS)	0.05 μmole (NT)	0.20 μmole (NT)	1.00 μmole (NT)	
Amino-Modifier C6	5'	630	750	900	1,200
Amino-Modifier C12	5'	2,340	2,580	2,940	4,800
Aminolink C3/C6/C7	3'	720	870	1,020	1,320
Biotin 3'	3'	2,700	2,940	3,900	5,700
Biotin 5'	5'	1,440	1,740	2,280	5,700
Biotin TEG	5'/3'	2,940	3,300	3,780	5,700
Cholesterol	3'	2,400	2,700	3,900	5,100
Digoxigenin (DIG)	5'/3'/Int.	2,880	3,780	4,980	8,700
Phosphate (PHOs)	5'/3'	750	900	1,050	1,800
Thiol-Modifier C3	3'	2,100	2,820	3,300	4,680
Thiol-Modifier C6	5'	2,760	3,480	3,840	5,340
TINA	5'	2,340	2,700	3,300	5,700

Spacer, Base & Sugar Modifications

Modification	0.01 μmole (NTS)	0.05 μmole (NT)	0.20 μmole (NT)	1.00 μmole (NT)	
Phosphorothioate (PTO)	base	90	114	162	258
2'-Deoxyinosine (INO)	3'/Int.	390	474	540	600
2'-Deoxyuridine (URI)	3'/Int.	390	474	540	600
2',3' dideoxyC (23ddC)	3'	3,600	4,800	7,200	9,900
5-Methyl-dC	3'/Int.	1,200	1,800	2,220	4,140
Amino C6-dT	Int.	4,380	5,580	6,780	9,780
Biotin-dT	Int.	5,580	6,780	7,980	11,100
dSpacer (Deoxy abasic)	Int.	4,800	5,160	7,080	9,660
Spacer C3	5'/3'/Int.	2,100	2,520	2,880	5,760
Spacer C18	5'/Int.	2,100	2,520	2,880	5,760
Wobble (defined ratio)	Int.	1,500	1,500	1,500	1,500

Dark Quencher / Dye

Modification	0.01 μmole (NTS)	0.05 μmole (NT)	0.20 μmol (NT)	1.00 μmol (NT)	
BBQ650	3'	5,940	6,840	7,740	11,400
BHQ1, BHQ2, BHQ3	3'	5,940	6,840	7,740	11,400
BHQ1-dT	Int.	7,200	8,100	9,000	12,600
Dabcyl	3'	2,940	3,540	4,440	8,400
Dabcyl-dT	Int.	4,200	4,800	5,700	9,600
Eclipase	3'	5,940	6,840	7,740	11,400
Alexa Fluor 350 / 488 / 555 / 647	5'/3'/Int.	11,940	14,100	15,300	36,180
ATTO 425, 465 / 520, 565 / 610	5'/3'/Int.	3,180	3,540	4,800	6,300
ATTO 488, 550 / 594	5'/3'/Int.	5,040	5,400	7,200	8,700
ATTO 633, 647N / 655, 680 / 700, 740	5'/3'/Int.	5,940	6,300	8,100	9,600
Bodipy FL / 530/550 / TMR-X / 630/650 / 650/665	5'/3'/Int.	4,080	4,980	5,580	10,380
Cy3 / Cy5	5'	2,100	3,000	3,900	5,700
Cy3.5 / Cy5.5	5'	4,080	4,980	5,580	10,380
DY-415 / 649 / 610 / 480 XL	5'/3'/Int.	4,380	4,740	6,540	10,800
DY-682 / 782	5'/3'/Int.	2,340	2,640	3,540	10,800

Modification	0.01 μmole (NTS)	0.05 μmole (NT)	0.20 μmole (NT)	1.00 μmol (NT)	
FAM	5'	1,920	2,520	3,120	5,700
Fluoresceine	3'	2,100	2,700	3,300	5,700
Fluoresceinthiocyanat (FITC)	5'/3'/Int.	2,100	2,700	3,300	5,700
Fluoresceine-dT	Int.	5,700	6,300	7,500	9,000
HEX	5'	2,100	2,700	3,300	5,700
JOE	5'/3'/Int.	2,760	3,600	4,200	6,600
LC 610 / 640	5'/3'/Int.	9,000	12,000	17,400	22,800
LC 670 / 705	5'	9,000	12,000	17,400	22,800
Oregon Green 488 / 514	5'/3'/Int.	3,780	4,380	4,980	10,380
Rhodamin Green / Red	5'/3'/Int.	4,500	5,400	7,200	11,400
ROX	5'/3'/Int.	2,760	3,600	4,200	6,600
TAMRA	5'/3'	2,340	2,700	3,600	5,940
TAMRA-dT	Int.	5,700	6,300	7,500	9,000
TET	5'	2,100	2,700	3,300	5,700
Texas Red	5'/3'/Int.	3,480	4,380	5,280	10,380
Yakima Yellow	5'	7,080	10,080	12,300	25,500

★ VIC 建議用 Yak 取代 · NED 建議用 ATTO 550 取代

★ 上表沒有列的特殊 label 歡迎來電或來信洽詢

Eurofins Genomics Custom RNA Oligos

* RNA oligos 合成長度為 6-80 bases

** 所有 modification 及 Chimeric Oligos 均為 HPLC 純化

*** Quality control by OD measurement and MALDI-TOF MS

RNA Oligos

Purification Option	Purity	Synthesis Scale [μmol]	0.05	0.20	1.00
[RNA] Desalted	n.a.	Min. Yield [OD]	1.5	2	5
		Price per Base (NT\$)	330	480	720
[RNA] HPLC	≥ 85%	Min. Yield [OD]	0.5	2	2.5
		Price per Base (NT\$)	414	600	900

RNA Modifications

Purification Option	Purity	Synthesis Scale [μmol]	0.05	0.20	1.00
HPLC	≥ 80%	Min. Yield [OD]	1	3	6

[RNA] Non Fluorescent Modifications

Modification		0.05 μmole Price (NT\$)	0.2 μmole Price (NT)	1.00 μmole Price (NT)
Amino-Modifier C6	5'	1,200	1,800	2,400
Amino-Modifier C12	5'	3,900	4,500	7,200
Aminolink C3/C6/C7	3'	1,800	2,400	3,000
Biotin 3'	3'	4,500	5,700	8,700
Biotin 5'	5'	2,700	3,600	8,400
Biotin TEG	5'/3'	4,800	5,400	8,400
Cholesterol	3'	3,000	4,200	5,400
Cholesteryl-TEG	5'	3,600	5,400	10,800
Phosphate (PHOs)	5'/3'	1,500	2,100	2,700

[RNA] Base, Sugar & Backbone Modifications

Modification		0.05 μmole Price (NT\$)	0.2 μmole Price (NT)	1.00 μmole Price (NT)
2'-Deoxyinosine (INO)	3'/Int.	690	810	900
2'-Deoxyuridine (URI)	3'/Int.	690	810	900
5-Methyl-dC	3'/Int.	2,700	3,300	6,300
Amino C6-dT	Int.	7,800	9,600	14,400
Biotin-dT	Int.	9,600	11,400	16,200
dSpacer (Deoxy abasic)	Int.	7,500	10,200	14,400
Spacer C3	3'/Int.	3,600	4,200	8,400
2',3' dideoxyC (23ddC)	3'	5,700	9,300	13,200

[RNA] Dye

Modification		0.05 μmole Price (NT\$)	0.2 μmole Price (NT)	1.00 μmole Price (NT)	Modification		0.05 μmole Price (NT\$)	0.2 μmole Price (NT)	1.00 μmole Price (NT)
BBQ650	3'	10,140	11,940	17,100	Fluoresceine	3'	4,200	5,100	9,000
BHQ1, BHQ2, BHQ3	3'	10,140	11,940	17,100	Fluoresceine-dT	Int.	9,000	10,800	13,500
BHQ1-dT	Int.	12,300	13,500	18,900	HEX	5'	3,900	4,800	8,700
Cy3 / Cy5	5'	4,800	5,880	8,700	TAMRA	5'/3'	3,900	4,800	8,700
Dabcyl	3'	5,340	6,900	12,600	TAMRA-dT	Int.	9,000	11,100	13,500
Dabcyl-dT	Int.	7,200	8,700	14,400	TET	5'	3,900	4,800	8,700
Eclipse	3'	10,140	11,940	17,100					
FAM	5'	3,900	4,800	8,700					

★ 上表沒有列的特殊 label 歡迎來電或來信洽詢

Eurofins Genomics siRNA Order Information

* siRNA oligos 合成長度為 17-27 bases, O-Methyl-RNA / Chimerics 合成長度為 6 - 80 bases

** 一般 siRNA 有 desalted 及 HPLC 兩種純化等級 · Modification siRNA 均為 HPLC 純化等級

*** Single strand purified by CGE analysis and Quality control by MALDI-TOF

**** Ready-to-Use, 提供 5X Universal Buffer Solution

siMAX siRNA

Purification Option	Price per siRNA [NT\$]	
	20 nmol	40 nmol
Desalted	5,700	11,400
HPLC (purity > 85%)	11,700	17,100

siRNA Modifications

Purification: HPLC		20 nmol	40 nmol
Modification		Price [NT\$] per Modification	
Amino-C3 [AmC3]	3'	2,400	3,000
Amino-C6 [AmC6]	5'	1,800	2,400
Amino-C7 [AmC7]	3'	2,400	3,000
Biotin [BIO]	5'	3,600	8,400
Biotin [BIO]	3'	5,700	8,700
Biotin-TEG [BIOTEG]	3'/5'	5,400	8,400
FAM [FAM]	5'	4,800	8,700
Fluorescein [FLU]	3'	5,100	9,000
HEX [HEX]	5'	4,800	8,700
Phosphate [PHO]	3'/5'	2,100	2,700
TET [TET]	5'	4,800	8,700

O-Methyl-RNA / Chimerics

Synthesis Scale [μmol]	0.05	0.20	1.00
Min.Yield [OD]	0.5	2	2.5
Price [NT\$] incl. HPLC purification			
DNA base	65	95	191
RNA base	414	600	900
PTO bound	114	162	258
2'-O-Methyl-A [2OMeA]	360	480	720
2'-O-Methyl-C [2OMeC]	360	480	720
2'-O-Methyl-G [2OMeG]	360	480	720
2'-O-Methyl-U [2OMeU]	360	480	720
Wobble (defined ratio)	1,800	1,800	1,800