



Codice Cliente: **20501760 e 20502280**

Spett.

DIP. BIOTECNOLOGIE MEDICHE E MEDICINA TRASLAZIONALE
e CNR IST. NEUROSCIENZE

VIA VANVITELLI, 32

20129 MILANO

RICERCATORI

Milano, 03/04/2013

**OGGETTO: Offerta per la fornitura di oligonucleotidi
numero QUOVANV0304**

In riferimento alla Vostra gentile richiesta, abbiamo il piacere di offrirvi il servizio di sintesi custom di oligonucleotidi a DNA, RNA e siRNA, secondo le condizioni commerciali esplicitate di seguito.

CONDIZIONI DI VENDITA

Consegna : ca 3 gg da ricevimento ordine per oligo fino a 50 basi desalt;
circa 5 gg per gli oligo con più di 50 basi purificati o modificati.
Ulteriori informazioni sono riportate nel listino speciale allegato.

Imballo: compreso e adatto al trasporto

Spese di trasporto: € 10,00

Minimo d'ordine: nessuno

Validità offerta: 31/03/2014

L'ordine, con l'indicazione delle sequenze di basi, va inoltrato direttamente a Sigma-Aldrich attraverso il sito internet o per e-mail.

E-mail: orders@sial.com

Website: <https://www.sigma-aldrich.com>

Le condizioni speciali a voi riservate saranno automaticamente visualizzate ed applicate negli ordini inseriti on-line sul nostro sito.

Per qualsiasi informazione potrete telefonare al numero 02/33417310.

Cordiali saluti,

SIGMA ALDRICH SRL



Custom DNA/RNA Synthesis Price List

(€ EUR)

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DNA Oligonucleotides

Synthesis Scale (µmole)	0,025	0,05	0,2	1
Per Base	0,22	0,30	1,29	4,65
S-Oligo Per Base			4,65	9,30
Purification				
DESALT (DSLTL)	Free	Free	Free	Free
RPC		15,00	15,00	30,99
HPLC		40,00	40,00	77,47
PAGE		39,51	39,51	90,38
Modifications				
5' / 3' Primary Amine		18,08	21,69	33,57
5' / 3' Terminal Thiol		46,48	46,48	67,14
5' Biotinylation		36,15	36,15	49,06
5' Fluorescein		33,57	33,57	74,89
5' Phosphorylation		23,24	26,86	41,32
5' Cy5		56,81	56,81	108,46
5' Cy3		56,81	56,81	108,46
3' Biotinylation		77,47	77,47	154,94
3' Fluorescein		108,46	108,46	144,61
3' Phosphorylation		64,56	64,56	129,11
HEX		36,15	61,97	131,70
6-FAM		36,15	61,97	131,70
TET		36,15	61,97	131,70
Modified Bases				
Inosine (Hypoxanthine)		6,71	9,30	15,49
dU		6,71	9,30	15,49
Post-Synthesis Modifications				
Texas Red		103,29	103,29	206,58
ROX		103,29	103,29	154,94
TAMRA		103,29	103,29	154,94

Oligos ordered at the 0.025 scale must be ≥12 and ≤50 bases, unmodified, no redundancies or degenerate bases and desalted. For synthesis up to 110mer please use higher scales. Larger scale synthesis are available on request.

Guaranteed Minimum Yields (O.D./µg)

Synthesis Scale (µmole)	0,025	0,05	0,2	1
Unmodified				
DESALT	3/90	5/150	12/360	40/1200
RPC	-	1/30	3/90	12/360
HPLC	-	1/30	2.5/75	13/390
PAGE	-	0.5/15	1/30	5/150
Modified				
DESALT	-	2/60	Free	Free
RPC	-	0.4/12	1/30	5/150
HPLC	-	0.4/12	1/30	5/150
PAGE	-	0.2/6	0.4/12	2/60

E@sy Oligo (price per oligo - order on-line only)

Quantity (O.D.)	3
15-30 mer adjusted to 100µMol	10,00

RNA Oligonucleotides

Quantity (O.D.)	0,05	0,2	1
RNA Bases	6,50	7,50	19,00
2'O-me Bases	5,00	9,00	21,00

siRNA

Quantity (O.D.)	2	5	10
Unlabelled Simplex	45,00	90,00	127,50
5' or 3' standard labels	90,00	110,00	130,00
Cy3, Cy5, Cy5.5 labels (need HPLC)	120,00	150,00	180,00
Unlabelled Duplex	90,00	180,00	255,00

Possible 5' or 3' labels (desalt purification): fluorescein, amineC6, biotin, phosphate, 6-FAM. Cy labels need extra HPLC purification. Additional mods available upon request.

siRNA Purification (O.D.)	2	5	10
HPLC	60,00	80,00	110,00

Order Information

Telephone	+39 02 - 33417310 or 800-536373
Fax	+39 02 - 38010737
Email	orders@sial.com
Website	sigma-aldrich.com
Address	Sigma-Aldrich S.R.L. Via Gallarate, 154 20151 - Milano (MI)
Shipping charge	€ 10,00

Estimated Dispatch Times (days)

	DSLTL	RPC	HPLC	PAGE
0.025 µmol / 30.D.	24 hrs			
0.05 µmol	1 to 2	1 to 2	4 to 5	4 to 5
0.2 µmol	1 to 2	1 to 2	4 to 5	4 to 5
1 µmol	1 to 2	1 to 2	4 to 5	4 to 5
Oligos > 50 bases	3 to 4	3 to 4	4 to 5	4 to 5
> than 1.0 µmol	5 to 6	5 to 6	5 to 6	5 to 6
Modified	5	5	7	7
RNA	5	-	6	8
siRNA unlabelled duplex	6	-	7	-
siRNA labelled duplex	7	-	8	-



Custom DNA/RNA Synthesis Price List

(€ EUR)

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offerta n° QUOVANV0304

Dual Labelled Probes

Quantity (O.D.)		1	3	5
5':	3':			
Fluorescein, FAM, HEX, TET, Cy3, Cy5, Cy5.5	TAMRA	130,00	220,00	290,00
Fluorescein, FAM, HEX, TET	BHQ1	145,00	250,00	320,00
Cy3, Cy5, Cy5.5	BHQ2	145,00	250,00	320,00



LNA Dual Labelled Probes

Quantity (O.D.)		1	3	5
5':	3':			
FAM, HEX, TET	TAMRA	258,00	360,00	450,00
FAM, HEX, TET	BHQ1, BHQ2	258,00	360,00	450,00

Molecular Beacons

Quantity (O.D.)		1	3	5
5':	3':			
Fluorescein, 6-FAM, HEX, TET, Cy3, Cy5, Cy5.5	DABCYL	160,00	280,00	360,00
Fluorescein, 6-FAM,	BHQ-1	180,00	310,00	400,00
Cy3, Cy5, Cy5.5	BHQ-2	180,00	310,00	400,00

LNA Molecular Beacons

Quantity (O.D.)		1	3	5
5':	3':			
FAM, HEX, TET	DABCYL, BHQ1, BHQ2	258,00	360,00	450,00

LightCycler Probes

Quantity (O.D.)		0,1	0,25	1,5
LightCycler Probe 1 3' Fluorescein		45,00	80,00	95,00
LightCycler Probe 2 5' Red 640 or 705, 3' Phosphate		165,00	195,00	255,00
LightCycler (Internal) Red 640 int		175,00	245,00	300,00

LNA LightCycler Probes

Quantity (O.D.)		0,1	0,25	1,5
LightCycler Probe 1 3' Fluorescein		120,00	150,00	320,00
LightCycler Probe 2 5' Red 640		165,00	195,00	255,00

Scorpion Uni-Probes

Quantity (O.D.)		1	5	10
5':	3':			
FAM, HEX, TET, Fluorescein, Cy-x	DABCYL-dT + HEG blocker	220,00	449,00	850,00
TAMRA, ROX, JOE, TexasRed, Rhod-x, OregonGreen-x	DABCYL-dT + HEG blocker	280,00	449,00	860,00
FAM, HEX, TET, Fluorescein, Cy-x	BHQ-x + HEG blocker	230,00	430,00	840,00
TAMRA, ROX, JOE, TexasRed, Rhod-x, OregonGreen-x	BHQ-x + HEG blocker	280,00	440,00	870,00

Scorpion Bi-Probe

Quantity (O.D.)		1	5	10
Probe 1		90,00	150,00	280,00
3' Quencher: DABCYL, TAMRA				
Probe 1		100,00	200,00	385,00
3' Quencher: BHQ-x/QSY-7				
Probe 2 - 5' Reporter: (FAM, HEX, TET, Fluorescein, CY-x) + HEG		155,00	300,00	580,00
Probe 2 - 5' Reporter: (TAMRA, ROX, JOE, TexasRed, Rhod-x, OregonGreen-x) + HEG		190,00	400,00	780,00

For other dye combinations and quantities please contact customer services.

Free design and application support available at

www.designmyprobe.com

WellRED™ Oligos

Quantity (O.D.)	1	2	4	5	10
RPC purified	-	67,00	99,00	-	-
PAGE purified	99,00	-	-	-	-
HPLC purified	-	-	-	129,00	191,00

5' D2-PA, D3-PA, D4-PA WellRED-labelled oligos

Estimated Dispatch Times (days)

Type	Time
Dual-labelled Probes	5
Molecular Beacons	5
LightCycler Probes	7
LNA Dual-labelled Probes	7
LNA Molecular Beacons	7
LNA LightCycler Probes	6
Scorpion Uni-probes	10
Scorpion Bi-probes	10
WellRED™ Oligos	4-6