



Cod. Cliente: 35281398

Spett.le  
DIP. TO DI MEDICINA MOLECOLARE E TRASLAZIONALE  
VIALE EUROPA 11  
25123 BRESCIA  
ATT.NE RICERCATORI

Milano, 01/04/2016

**OGGETTO:** Offerta per la fornitura di oligonucleotidi  
numero QUOBSDMMT0104

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 € Porto franco per ordini > a 50€

**Minimo d'ordine:** nessuno

**Validità offerta:** 31/03/2017

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](mailto: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)

**DIP. TO DI MEDICINA MOLECOLARE E TRASLAZIONALE**
**offerta n° QUOBSDDMMT0104**

### DNA Oligonucleotides

Synthesis Scale (μmole)	0,025	0,05	0,2	1
Per Base	0,19	0,28	0,84	4,65
S-Oligo Per Base			4,65	9,30
<b>Purification</b>				
DESALT (DSLTL)	Free	Free	Free	Free
RPC		14,00	14,00	30,99
HPLC		30,00	30,00	77,47
PAGE		34,00	34,00	90,38
<b>Modifications</b>				
5' / 3' Primary Amine		16,00	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		20,00	26,86	41,32
5' Cyanine 5		56,81	56,81	108,46
5' Cyanine 3		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
<b>Modified Bases</b>				
Inosine (Hypoxanthine)		6,71	9,30	15,49
dU		6,71	9,30	15,49
<b>Post-Synthesis Modifications</b>				
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
<b>Unmodified</b>				
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
<b>Modified</b>				
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
Cyanine labels (3, 5, 5.5) 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 € Porto franco per ordini > a 50€**

### 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	-



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offerta n° QUOBSDDMT0104

### Dual Labelled Probes

Quantity (O.D.)		1	3	5
5':	3':			
Fluorescein, FAM, HEX, TET, Cyanine 3, Cyanine 5, Cyanine 5.5	TAMRA	130,00	220,00	290,00
Fluorescein, FAM, HEX, TET	BHQ1	145,00	250,00	320,00
Cyanine labels (3, 5, 5.5)	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, Cyanine-x	DABCYL	160,00	280,00	360,00
	BHQ-1	180,00	310,00	400,00
Cyanine labels (3, 5, 5.5)	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, Cyanine-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, Cyanine-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 3' Quencher: DABCYL, TAMRA	90,00	150,00	280,00
Probe 1 3' Quencher: BHQ-x/QSY-7	100,00	200,00	385,00
Probe 2 - 5' Reporter: (FAM, HEX, TET, Fluorescein, Cyanine-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](http://www.designmyprobe.com)

### WellRED™ Oligos

Quantity (O.D.)	1	2	4	5	10
RPC purified	-	126,50	170,50	-	-
PAGE purified	204,60	-	-	-	-
HPLC purified	-	-	-	275,00	368,50

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