



2006

CANADIAN PRICE LIST

For any questions please contact:

Lisa Tremblay

Canadian Sales Manager

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Cell phone: 514-825-6979

Customer service: 1-800-328-2661

You can place an order:

1) by website at www.idtdna.com

2) by email at orders@idtdna.com

3) by fax at 319-626-8444

with PO or Credit Card.

Tube Custom Oligonucleotide synthesis Base Pricing

Scale	Base length	Min. Yield	Price per base
25nmole	(15-60 bases)	3 OD's	\$0.36
100nmole	(10-90 bases)	6 OD's	\$0.60
250nmole	(5-150* bases)	15 OD's	\$1.08
1umole	(5-150* bases)	45 OD's	\$2.16
10umole	(5-100 bases)		\$21.60

*no yields or purity guarantees for oligos longer than 100 bases

Please inquire for all large scale synthesis over 10umole

Standard Shipping cost: \$18.00

LabReady Oligo service:

Oligos are normalized to 100uM

in IDTE pH 8.0

\$2.40 per oligo

Sameday Custom Synthesis: 25nmole scale unmodified

\$0.72 per base

Shipping charges for Sameday only: \$25.20

Limitations: Maximum of 45 bases in length, 2 OD minimum yield, ordered before 1PM CST

Purification

	RP-HPLC	IE-HPLC	PAGE	Dual HPLC	Na+ exch.	Rna-FHPLC	HPLC & PAGE
100nmole	\$48.00	\$48.00	\$48.00	\$90.00	\$54.00	\$78.00	\$102.00
250nmole	\$72.00	\$72.00	\$72.00	\$138.00	\$54.00	\$114.00	\$150.00
1umole	\$114.00	\$114.00	\$114.00	\$216.00	\$54.00	\$180.00	\$276.00
10umole	\$420.00	\$510.00	\$1,080.00	\$1,032.00		\$672.00	\$1,650.00

Please Inquire for HTD PAGE and all other purification possibilities, including yield guarantees.

RAPID HPLC 48 hour service:

(Unmodified, 20-50 bases long)

100nmole \$72.00 1 OD, plus DNA base cost

250nmole \$114.00 4 OD's, plus DNA base cost

96-well / 384-well Plates:

Minimum of 24 oligos (96 plate) and 96 oligos (384 plate)

Base Price

Loading Options for 96 well plates (inquire for 384)

25nmole	\$0.22	Remainder in Plates	\$57.60
100nmole	\$0.34	Primer Mix with Normalization	FREE
250nmole	\$0.58	Primer Mix with Remain in Plate	\$115.20
1umole	\$1.18	Duplicate plate (96 well)	\$24.00
		Duplicate plate (384 well)	\$54.00
		Normalization	FREE

Modifications available on plate oligos

	25nmole	100nmole	250nmole	1umole
5'Phosphorylation	\$10.80	\$10.80	\$15.00	\$27.00
5'Amino Modifier C6	\$15.00	\$15.00	\$21.00	\$30.00
5'Acrydite	\$27.00	\$27.00	\$33.00	\$51.00
5'I-linker		\$33.00	\$45.00	\$69.00
5'Biotin	\$24.00	\$24.00	\$30.00	\$60.00
5'-FAM		\$36.00	\$45.00	\$90.00

HOT Plates (next day delivery for 25nmole scale (15 - 60 bases), non modified, standard desalted)

\$54.00 per plate

(Ordered before 2pmEST, normalization 2 to 10nmoles, in 300ul V-bottom plates, minimum 48 oligos per plate)

RNA Synthesis

No set up fees!!!

Base restriction: 10 to 50 bases

	Base Price	Rnase-Free HPLC	Annealing of oligos
100nmole	\$4.20	\$78.00	\$30.00
250nmole	\$6.00	\$114.00	\$36.00
1umole	\$14.40	\$180.00	\$42.00

Modifications available on RNA: 2-aminopurine, 5-MedC, 5-Nitroindole, FAM-NHS Ester, Acrydite, Amino modifier C6, Amino modifier C6dT, TET, Unilink Amino Modifier Biotin, deoxyinosine, deoxyUridine, dSpacer, Phosphorylation

Rnase H Active Antisense Oligos and 2-o-Methyl RNA Synthesis

	100nmole	250nmole	1umole
Phosphorothioate Bond	\$4.20	\$4.20	\$6.00
DNA in chimeric oligos	\$0.60	\$1.08	\$2.16
2-0-methyl RNA	\$9.00	\$9.00	\$28.00
LNA	\$30.00	\$36.00	\$54.00
Methyl dC	\$60.00	\$72.00	\$108.00

Rnase Substrates

used to quantitatively or qualitatively detect Rnase activity with any base specificity.

	Sequence	10nmoles
rU Rnase Substrate	5'6-FAM - ArUAA -3' TAMRA	\$330.00
rC Rnase Substrate	5' 6-FAM - ArCAA - 3'TAMRA	\$390.00
rA Rnase Substrate	5' 6-FAM - ArAAA = 3'TAMRA	\$390.00
rG Rnase Substrate	5' 6-FAM - ArGAA -3'TAMRA	\$390.00

RNAi Duplexes

(Includes 18-30 bases, HPLC purification, duplex annealing, Maldi-tof Mass Spec QC, CE)

Scale		Price
2nmole	no duplex buffer included	\$210.00
10nmole	Duplex buffer no charge	\$312.00
40nmole	Duplex buffer no charge	\$474.00

Please inquire for 100nmole scale duplex

Modifications available on RNAi Duplexes:

		2nmole	10nmole	40nmole
5' and 3' Phosphorylation	Sens and Antisens strands	\$24.00	\$24.00	\$30.24
FAM-NHS Ester	Sens strand only	N/A	\$72.00	\$114.00
5' Biotin	Sens strand only	N/A	\$48.00	\$60.00
5' Cy3	Sens strand only	N/A	\$96.00	\$120.00

TriFECTa RNAi kit

\$792.00

Includes 3 x 2nanomole HPLC purified Dicer Substrate duplex 27mer RNAi, 1nmole positive control, 1nmol negative control and 1nmole transfection control
IDT guarantees that 1 out of the 3 duplexes will give 70% knockdown of the target mRNA when >90% transfection efficiency and >90% knockdown of positive control is demonstrated.

Cy3 DS Transfection Control

1nmole	\$93.60
5nmole	\$234.00

HPRT-S1 DS Positive control

1nmole	\$72.00
5nmole	\$180.00

DS Scrambled Negative Control

1nmole	\$72.00
5nmole	\$180.00

CAL Fluor 610 Transfection Control

1nmole	\$93.60
5nmole	\$234.00

EGFP-SI DS Positive Control

1nmole	\$72.00
5nmole	\$180.00

Fluc-S1 DS Positive Control

1nmole	\$72.00
5nmole	\$180.00

ddRNAi

Tubes	10nmole	1OD	\$0.36	Plates	10nmole	\$0.22
	100nmole	5ODs	\$0.60		100nmole	\$0.34

miRNA Cloning Linker

1nmole	\$210.00
5nmole	\$714.00

EXPRESS Dual-Labeled Probes (ordered before 1pm CST)

Fluorophore: 5'FAM Quencher: 3'BHQ-1 or 3'TAMRA or 3'lowa Black FQ Price: \$118.80
 Product includes: HPLC purification and Quality Control by Mass Spec Yield Guarantee: 10nanomoles
 Express Shipping: \$25.20

Dual-Labeled Probes

Restrictions: length 15 to 35 bases

	100nmole	250nmole	1umole
FAM/TAMRA	\$210.00	\$300.00	\$450.00
TET/TAMRA	\$252.00	\$354.00	\$534.00
FAM/BHQ1	\$210.00	\$300.00	\$450.00
TET/BHQ1	\$252.00	\$354.00	\$534.00
HEX/BHQ1	\$264.00	\$378.00	\$564.00
FAM/BHQ2	\$210.00	\$300.00	\$450.00
TET/BHQ2	\$252.00	\$354.00	\$534.00
HEX/BHQ2	\$264.00	\$378.00	\$564.00
Cy3/BHQ-2	\$270.00	\$384.00	\$576.00
CY5/BHQ2	\$282.00	\$396.00	\$594.00
CAL Fluor 560/BHQ-2	\$270.00	\$384.00	\$576.00
CAL Fluor 560/lowa Black FQ	\$246.00	\$348.00	\$522.00
CAL Fluor 610/BHQ-2	\$258.00	\$360.00	\$540.00
CAL Fluor 610/lowa Black RQ	\$246.00	\$348.00	\$522.00
5'6-FAM / 3' lowa Black FQ	\$192.00	\$270.00	\$408.00
5'HEX / 3' lowa Black FQ	\$240.00	\$342.00	\$510.00
5' TET / 3' lowa Black FQ	\$228.00	\$324.00	\$480.00
5' Cy5 / 3' lowa Black RQ	\$246.00	\$348.00	\$522.00
5' Cy3 / 3' lowa Black RQ	\$252.00	\$360.00	\$540.00
5' lowa Black RQ / 3' Cy3	\$246.00	\$348.00	\$522.00
5' lowa Black FQ / 3' 6-FAM	\$192.00	\$270.00	\$408.00

Dual-Labeled NHS Ester Probes

	250nmole	1umole
FAM/TAMRA NHS	\$390.00	\$630.00
TET/TAMRA NHS	\$462.00	\$744.00
HEX/TAMRA NHS	\$492.00	\$792.00
Oregon green 488 NHS/TAMRA	\$480.00	\$720.00
Oregon green 514 NHS/TAMRA	\$480.00	\$720.00
JOE NHS/TAMRA	\$480.00	\$720.00
Oregon green 488 NHS/BHQ1	\$480.00	\$720.00
Oregon green 514 NHS/BHQ1	\$480.00	\$720.00
JOE NHS/BHQ1	\$480.00	\$720.00
TEXAS RED NHS/BHQ2	\$468.00	\$750.00
TAMRA NHS/BHQ2	\$456.00	\$684.00
ROX NHS/BHQ2	\$456.00	\$684.00
JOE NHS/BHQ2	\$480.00	\$720.00
5' Texas Red NHS / 3' lowa Black RQ	\$414.00	\$618.00
5' JOE NHS / 3' lowa Black FQ	\$432.00	\$648.00
5' TAMRA NHS / 3' lowa Black RQ	\$390.00	\$588.00
5' Oregon Green 488-X NHS / 3' lowa Black FQ	\$432.00	\$648.00
5' Oregon Green 514 NHS / 3' lowa Black FQ	\$432.00	\$648.00
5' lowa Black RQ / 3' TAMRA NHS	\$388.80	\$583.20
5' lowa Black RQ / 3' Texas Red NHS	\$414.00	\$618.00
5' lowa Black FQ / 3' Oregon Green 488-X NHS	\$432.00	\$648.00
5' lowa Black FQ / 3' Oregon Green 514 NHS	\$432.00	\$648.00

Dual-Labeled LNA Probes

	250nmole	1umole
5'FAM/3'lowa Black FQ	\$390.00	\$528.00
5'FAM/3'BHQ-1	\$420.00	\$570.00
5'Cy3/3'lowa Black RQ	\$468.00	\$642.00
5'Cy3/3'BHQ-2	\$504.00	\$696.00
5'CY5/3'lowa Black RQ	\$480.00	\$660.00
5'CY5/3'BHQ-2	\$516.00	\$714.00
5'CAL Fluor 610/3'lowa RQ	\$480.00	\$660.00
5'CAL Fluor 610/3'BHQ-2	\$516.00	\$714.00

RNA Dual-Labeled Probes

10 - 25 bases restriction

	250nmole	1umole
5'FAM/3'TAMRA	\$690.00	\$1,194.00
5'FAM/3'BHQ-1	\$690.00	\$1,194.00
5'HEX/3'BHQ-1	\$864.00	\$1,494.00
5'TET/3'BHQ-1	\$810.00	\$1,410.00
5'CY5/3'BHQ-2	\$912.00	\$1,578.00

Molecular Beacons

	250nmole	1umole
FAM/DABCYL	\$480.00	\$690.00
TET/DABCYL	\$566.40	\$814.80
HEX/DABCYL	\$600.00	\$862.80
FAM/BHQ1	\$510.00	\$750.00
TET/BHQ-1	\$602.40	\$885.60
HEX/BHQ2	\$637.20	\$937.20
CY3/BHQ2	\$652.80	\$960.00
CY5/BHQ2	\$673.20	\$990.00

Modifications

	25nmole	100nmole	250nmole	1umole
5' Phosphorylation	\$24.00	\$24.00	\$30.00	\$54.00
3' Phosphorylation		\$30.00	\$42.00	\$60.00
5' Acrydite		\$96.00	\$120.00	\$180.00
5' Amino C6	\$28.80	\$28.80	\$36.00	\$60.00
5' Amino Modifier C12		\$66.00	\$84.00	\$126.00
5' Amino Modifier C6 dT	\$150.00	\$150.00	\$180.00	\$270.00
Int. Amino Modifier C6 dT		\$150.00	\$180.00	\$270.00
3' Amino Modifier C7		\$33.60	\$42.00	\$60.00
5' Unilink Amino		\$90.00	\$114.00	\$174.00
Int Unilink Amino		\$90.00	\$114.00	\$174.00
5' Biotin	\$48.00	\$48.00	\$60.00	\$120.00
3' Biotin		\$72.00	\$90.00	\$137.52
5' Biotin dT		\$69.12	\$210.00	\$330.00
Int. Biotin dT		\$210.00	\$210.00	\$330.00
5' Biotin-TEG		\$72.00	\$90.00	\$120.00
3' Biotin-TEG		\$72.00	\$90.00	\$120.00
5' Dual- Biotin		\$69.12	\$240.00	\$360.00
5'DIG NHS Ester		\$138.00	\$137.99	\$210.00
3' DIG NHS Ester		\$138.00	\$138.00	\$210.00
5' I-Linker		\$66.00	\$90.00	\$138.00
3' Thiol Modifier C3		\$120.00	\$120.00	\$180.00
5' Thiol Modifier C6		\$150.00	\$150.00	\$234.00
5' Alexa 488		\$258.00	\$258.00	\$390.00
3' Alexa 488		\$258.00	\$258.00	\$390.00
5' Alexa 532		\$354.00	\$354.00	\$534.00

All 10umole scale
Modifications are
available- please Inquire

3' Alexa 532			\$354.00	\$354.00	\$534.00
5' Alexa 546			\$354.00	\$354.00	\$534.00
3' Alexa 546			\$354.00	\$354.00	\$534.00
5' Alexa 594			\$414.00	\$414.00	\$630.00
3' Alexa 594			\$414.00	\$414.00	\$630.00
5' Alexa 647			\$258.00	\$258.00	\$390.00
3' Alexa 647			\$258.00	\$258.00	\$390.00
5' Alexa 660			\$354.00	\$414.00	\$834.00
3' Alexa 660			\$354.00	\$414.00	\$834.00
5' Alexa 750			\$414.00	\$414.00	\$630.00
3' Alexa 750			\$414.00	\$414.00	\$630.00
5' Oyster 556			\$300.00	\$360.00	\$540.00
3' Oyster 556			\$300.00	\$360.00	\$540.00
5' Oyster 645			\$300.00	\$360.00	\$540.00
3' Oyster 645			\$300.00	\$360.00	\$540.00
5' Bodipy 630/650-X NHS			\$294.00	\$294.00	\$450.00
3' Bodipy 630/650-X NHS			\$294.00	\$294.00	\$450.00
5' CAL Fluor Orange 560			\$180.00	\$180.00	\$270.00
5' CAL Fluor Red 610			\$210.00	\$210.00	\$312.00
5' CY3			\$96.00	\$120.00	\$180.00
Int Cy3			\$192.00	\$240.00	\$360.00
3' CY3			\$114.00	\$138.00	\$210.00
5' CY5			\$96.00	\$138.00	\$180.00
Int Cy5			\$192.00	\$240.00	\$360.00
3' CY5			\$114.00	\$138.00	\$210.00
5' CY5.5			\$210.00	\$234.00	\$354.00
3' CY5.5			\$234.00	\$270.00	\$390.00

Modifications

	25nmole	100nmole	250nmole	1umole
5' FAM		\$72.00	\$90.00	\$180.00
3' FAM		\$72.00	\$90.00	\$180.00
5' Fluorescein dT		\$210.00	\$234.00	\$330.00
Int. Fluorescein dT		\$210.00	\$234.00	\$330.00
5' HEX		\$72.00	\$90.00	\$180.00
3' TAMRA		\$102.00	\$120.00	\$180.00
5' TAMRA NHS Ester		\$120.00	\$150.00	\$234.00
Int TAMRA NHS Ester		\$240.00	\$270.00	\$474.00
3' TAMRA NHS Ester		\$150.00	\$180.00	\$270.00
5'TET		\$72.00	\$90.00	\$180.00
3'TEXAS RED		\$180.00	\$210.00	\$354.00
5'TEXAS RED		\$180.00	\$209.99	\$354.00
3'BHQ-1		\$96.00	\$120.00	\$180.00
3'BHQ-2		\$96.00	\$120.00	\$180.00
3'DABCYL		\$96.00	\$120.00	\$180.00
5'IOWA BLACK FQ		\$86.40	\$108.00	\$162.00
3'IOWA BLACK FQ		\$86.40	\$108.00	\$162.00
5'IOWA BLACK RQ		\$86.40	\$108.00	\$162.00
3'IOWA BLACK RQ		\$86.40	\$108.00	\$162.00
5'C3 SPACER		\$48.00	\$60.00	\$90.00
Int. C3 SPACER		\$48.00	\$60.00	\$90.00
3'C3 SPACER		\$48.00	\$60.00	\$90.00
5' SPACER 18		\$60.00	\$72.00	\$108.00
Int. SPACER 18		\$60.00	\$72.00	\$108.00
5'1,2-DIDEOXYRIBOSE		\$90.00	\$120.00	\$180.00
Int. 1,2-DIDEOXYRIBOSE		\$90.00	\$120.00	\$180.00
5' Spacer 9		\$48.00	\$60.00	\$90.00
Int Spacer 9		\$48.00	\$60.00	\$90.00
PC Spacer 5' and Int.		\$162.00	\$204.00	\$306.00
PC Biotin 5' and Int.		\$174.00	\$222.00	\$330.00
5'WellRed D2			\$150.00	\$225.00
5'WellRed D3			\$150.00	\$225.00
5'WellRed D4			\$150.00	\$225.00

All 10umole scale
Modifications are
available- please Inquire

Please inquire for all Joe, Rox, Oregon Green, Rhodamine Red,
Rhodamine Green and any 10umole scale prices.

Modified Bases

	100nmole	250nmole	1umole
5' 2-Aminopurine	\$180.00	\$180.00	\$270.00
Int. 2-Aminopurine	\$180.00	\$180.00	\$270.00
5'2,6-Diaminopurine	\$210.00	\$210.00	\$330.00
Int. 2,6-Diaminopurine	\$210.00	\$210.00	\$330.00
5'5-Bromo dU	\$96.00	\$96.00	\$144.00
Int. 5-Bromo dU	\$96.00	\$96.00	\$144.00
5'DeoxyUridine	\$9.60	\$12.00	\$18.00
Int. DeoxyUridine	\$9.60	\$12.00	\$18.00
3' DeoxyUridine	\$9.60	\$12.00	\$18.00
3' Inverted dT	\$45.60	\$54.00	\$84.00
3' Dideoxy-C	\$120.00	\$150.00	\$228.00
5' 5-Methyl dC	\$60.00	\$72.00	\$108.00
Int. 5-Methyl dC	\$60.00	\$72.00	\$108.00
5' deoxyInosine	\$9.60	\$12.00	\$18.00
Int. deoxyInosine	\$9.60	\$12.00	\$18.00
3' deoxyInosine	\$12.00	\$12.00	\$18.00
5'LNA	\$30.00	\$36.00	\$54.00
Int LNA	\$30.00	\$36.00	\$54.00
5' 5-Nitroindole	\$180.00	\$180.00	\$270.00
Int. 5-Nitroindole	\$180.00	\$180.00	\$270.00
3' Ribo Primers	\$36.00	\$48.00	\$72.00
5' Iso dC and dG	\$30.00	\$36.00	\$54.00
Int. Iso-dC and dG	\$30.00	\$36.00	\$54.00

All 10umole scale
Modifications are
available- please Inquire

Ready-Made Primers

See list in Catalog \$12.00

Read-IT Oligos (100nmole)

Nuclease Resistant PCR Primers \$42.00 /oligo

RNaseAlert Substrate and DNaseAlert Substrate

Rnase Alert - 25 tubes (50pmole tubes)	\$90.00
Rnase Alert - 2 bulk tubes (2 x 2nmole = 200 reactions)	\$354.00
Rnase Alert Kit	\$132.00
Dnase Alert - 2 bulk tubes (2 x 2nmole = 200 reactions)	\$294.00
Dnase Alert - 25 tubes (50pmole tubes)	\$78.00
Dnase Alert Kit	\$110.59
2ml 10X Rnase Alert Buffer	\$12.00

NUCLEASE -FREE BUFFERS AND REAGENTS

	10 x 2ml	250ml	1 Liter	4 x1 Liter
IDTE pH 7.5 and pH 8	\$21.60	\$21.60	\$36.00	\$114.00
Duplex Buffer	\$21.60	\$21.60	\$36.00	\$114.00
Nuclease-free Water	\$19.20	\$16.80	\$33.60	\$108.00

Nuclease Decontamination solution

250ml spray bottle \$42.00
6 x 250nmol spray bottle refill kit \$198.00

MICROARRAY SPOTQC

Spot QC Kit \$90.00

This kit contains sufficient reagents to analyze 10 arrays 24 x 66mm cover slips or up to 30 arrays using small 22 x 22 cover slips.
Includes: 1000pmoles of Cy3-Spot QC detector oligo and 500ul of 1X Hybridization Buffer

10 x 2ml Hybridization Buffer \$150.00

Oligo Spotting Buffer(OSB) \$114.00

Includes: 100ml 1X Spotting Buffer
IDT's OSB microarray printing solution is optimized for manufacturing oligonucleotide arrays on amine slides.

Custom Gene Synthesis

Base pair price Inquire

STARFIRE Nucleic Acid Labeling System

Starfire Complete Kit (25 labeling reactions) \$234.00
Starfire Universal Template \$420.00
Starfire Refill Kit \$174.00
Starfire Custom probes \$0.72
PAGE purification for custom probes \$48.00

Oligo Length Standards

10/60 Ladder 10,15,20,25,30,40,50,60 base marker oligos \$90.00
20/100 Ladder 20,30,40,50,60,70,80,90,100 base marker oligos \$90.00

Custom Oligo and Analytical Services

	100nmole	250nmole	1umole
Analytical IE-HPLC Trace	\$54.00	\$54.00	\$54.00
Analytical RP-HPLC Trace	\$42.00	\$42.00	\$42.00
Capillary Electrophoresis Trace	\$42.00	\$42.00	\$42.00
QC Gel Picture	\$30.00	\$30.00	\$30.00
Conductivity Measurement	\$126.00	\$126.00	\$126.00
Fluorometric scan	\$120.00	\$120.00	\$120.00
Lab Ready Oligo Service (100uM)	\$2.34	\$2.34	\$2.34
Normalized in tubes other than Lab Ready	\$9.00	\$9.00	\$9.00
Normalized mixed primers in tubes	\$18.00	\$18.00	\$18.00
Hand mix degenerate bases	\$120.00	\$120.00	\$120.00
Machine mix degenerate bases	FREE	FREE	FREE