

Custom Oligo DNA Synthesis

Oligo DNA Synthesis (including Specialized Oligo)

Product Lineup

1-tube-type Synthesis • Purification

Scale	0.03 μ mol Desalted	0.03 μ mol Cartridge-Purified	0.05 μ mol	0.2 μ mol	1.0 μ mol
Price(/mer)	¥50	¥70	¥90	¥150	¥400
Desalt	¥0	-	¥0	¥0	¥0
Cartridge-Purified	-	¥0	¥1,000	¥2,000	¥4,000
HPLC-Purified	-	-	¥4,000	¥5,000	¥10,000
Expected Yield (20mer Desalted)	5 O.D.	3 O.D.	15 O.D.	25 O.D.	80 O.D.
mer Number Limit	~40mer	~40mer	~80mer	~90mer	~120mer

* The delivery fee is free if purchase of over 1 tube of 0.03 μ mol Desalted Oligo.

* If the purchase of Oligo less than 15mer, the price is the same as the 14 mer oligo regardless of less than 15 mer Oligo.

* BEX will propose more scale and/or more purification according to difficulty of oligo sequence and/or modification.

* The yields depend on the oligo sequence and/or modification.

Delivery Date

Open Time

Until 17:00 • • • Web Order, E-mail Order

Until 15:00 • • • FAX Order

Delivery Date		1 Business Day	2 Business Day	3 Business Day	4 Business Day	5 Business Day	6 Business Day	7 Business Day
0.03 μ mol	Desalted	~40mer						
	Cartridge	~40mer						
0.05 μ mol	Desalted	~49mer	~80mer					
	Cartridge	~49mer	~80mer					
	HPLC					~49mer	~80mer	
0.2 μ mol	Desalted		~90mer					
	Cartridge		~90mer					
	HPLC					~49mer	~90mer	
1.0 μ mol	Desalted		~120mer					
	Cartridge		~120mer					
	HPLC						~49mer	~120mer

* The order date is 0 business day. (Saturday, Sunday, and Holiday aren't counted.)

* The delivery date depends on the number in one order and modification for oligo.

Custom Oligo DNA Synthesis

Product Lineup

Mix Base

Free for Mix Base

<Mix Base List>

R	W	S	D	B	N	Y	M	K	H	V	I
A,G	A,T	C,G	A,G,T	C,G,T	A,C,G,T	C,T	A,C	G,T	A,T,C	A,C,G	inosine

* Additional fees for the change of the rate for mix base, 3' Mix base, and inosine

Inosine

Scale	0.05 μ mol	0.2 μ mol	1.0 μ mol
~5 points \times 1 tube	¥8,000	¥8,000	¥10,000
~5 points \times 2 tube	¥6,000	¥6,000	¥8,000
5 ~ Points	¥1,000 added per additional 1 Inosine		
3' Inosine	-	¥8,000	¥12,000

Annealing

Annealing Oligo DNAs synthesized and cartridge and/or HPLC purified in BEX.

Scale	0.05 μ mol	0.2 μ mol	1.0 μ mol
Annealing / 1set of Double Strand	¥5,000	¥5,000	¥5,000
Desulted (After Annealing)	¥0		
HPLC Purification (After Annealing)	¥4,000	¥5,000	¥10,000

* Additional fee for Synthesis and Purification of single stranded Oligo DNA

S-Oligo DNA (Phosphorothioate)

S-Oligo DNA is Oligo DNA whose phosphate groups between nucleotides are phosphorothioated. This Oligo DNA is so tolerant against most nucleases that they are used for the experiments of anti-sense.

Scale	1.0 μ mol	2.0 μ mol~
Set-Up Fee	¥3,000	-
Price (/mer)	¥400	¥200 for Additional 1.0 μ mol
Cartridge Purification	¥4,000	¥2,000 for Additional 1.0 μ mol
HPLC Purification	¥10,000	¥5,000 for Additional 1.0 μ mol

96-well plate type Synthesis • Purification

Scale	0.03 μ mol Desulted	0.03 μ mol Cartridge Purification
Price (/mer)	¥45	¥65
mer Number Limit	~35mer	~35mer

- * This service is acceptable for 96 Oligos at once.
- * The delivery date is a week for 96 Oligos in one plate.
- * The mix base is acceptable (Additional fee for 3' Mix base).
- * Oligo with less than 15mer is applied for the fee of 14 mer Oligo.
- * Inosine, modification, and specialized Oligo are acceptable for 1-tube type Oligo.

Custom Oligo DNA Synthesis

Product Lineup

5' End / 3' End Modification

Modification fee is applied for each tube. The volume discounts are applied for over 1 tube with the same 5' end modification in one order like below. With one tube oligo 5' end and 3' end modified, the fee will be combined.

5' end Modification	Scale / μ mol	1-4 tube(s)	5-9 tubes	10 - tubes
5' Cy3※	0.05 or 0.2	¥15,000	¥14,500	¥14,000
	1.0	¥30,000	¥29,000	¥28,000
5' Cy5※	0.05 or 0.2	¥15,000	¥14,500	¥14,000
	1.0	¥30,000	¥29,000	¥28,000
5' FAM	0.05 or 0.2	¥10,000	¥8,000	¥7,000
	1.0	¥15,000	¥12,000	¥10,500
5' HEX	0.05 or 0.2	¥10,000	¥8,000	¥7,000
	1.0	¥15,000	¥12,000	¥10,500
5' TET	0.05 or 0.2	¥10,000	¥8,000	¥7,000
	1.0	¥15,000	¥12,000	¥10,500
5' ROX (TEXAS RED)	0.05 or 0.2	¥12,000	¥9,600	¥8,400
	1.0	¥20,000	¥16,000	¥14,000
5' TAMRA (Rohdamine)	0.05 or 0.2	¥12,000	¥9,600	¥8,400
	1.0	¥20,000	¥16,000	¥14,000
5' Biotin	0.05 or 0.2	¥10,000	¥8,000	¥7,000
	1.0	¥20,000	¥16,000	¥14,000
5' Amino	0.05 or 0.2	¥5,000	¥4,000	¥3,500
	1.0	¥10,000	¥8,000	¥7,000
5' Phosphorylation	0.05 or 0.2	¥5,000	¥4,000	¥3,500
	1.0	¥10,000	¥8,000	¥7,000
5' Thiol	0.2	¥15,000	¥12,000	¥10,500
	1.0	¥25,000	¥20,000	¥17,500
5' DIG	0.05 or 0.2	¥15,000	¥12,000	¥10,500
	1.0	¥25,000	¥20,000	¥17,500

3' End Modification	Scale		
	0.05 μ mol	0.2 μ mol	1.0 μ mol
3' Cy3※	-	¥30,000	¥60,000
3' Cy5※	-	¥30,000	¥60,000
3' FAM	¥20,000	¥20,000	¥30,000
3' FITC	¥20,000	¥20,000	¥30,000
3' ROX (TEXAS RED)	-	¥20,000	¥35,000
3' TAMRA (Rohdamine)	-	¥20,000	¥35,000
3' Biotin	¥20,000	¥20,000	¥30,000
3' Amino	-	¥15,000	¥30,000
3' Phosphorylation	¥10,000	¥10,000	¥18,000
3' ThiolS-S	-	¥45,000	¥50,000
3' DIG	-	¥20,000	¥30,000

※ About Cy3,Cy5 oligos:

The purchase of this Product includes a limited non-exclusive sublicense under U.S. Patent No. 5,268,486 and any continuation, continuation-in-part, re-examination, divisional, reissue or foreign equivalent, to use the Compounds in the Product to perform research. NO OTHER LICENSE IS GRANTED EXPRESSLY, IMPLIEDLY OR BY ESTOPPEL. Use of the Product for commercial purposes is strictly prohibited without written permission from GE Healthcare Bio-Sciences Corp. For information concerning availability of additional licenses to practice the patented methodologies, please contact GE Healthcare Bio-Sciences Corp.

Custom Oligo DNA Synthesis

Product Lineup

Special Modification

We accept the synthesis of specially modified oligos. Some of our performance is listed below. Please ask us.

The List of Our performance			
Amino Modifier C6-dT	Amino Modifier C3	Amino Modifier C12	Amino C6(MMT)
PC Amino Modifier	Biotin-dT	Fluorescein-dT	Dabcyl
Dabcyl-dT	5' BHQ-1	BHQ-1-dT	5' BHQ-2
BHQ-2-dT	D-spacer	Spacer 9	Spacer 18
8-Br-dA	5-Br-dA	5-Br-dU	5-I-dC
5-I-dU	5-F-dU	2' 3' ddA	2' 3' ddG
2' 3' ddC	2' 3' ddT	7-deaza-dA	2' -Aminopurine
Etheno-dA	5-Nitroindole	3-Nitroindole	5' Psoralen(C2)
5' Psoralen(C6)	Puromycin	3' Cholesteryl-TEG	Cholesteryl-TEG
DNP-TEG	Glyceryl-CPG	deoxypseudo-U	Dithiol
5-Me-dC	3' -5-Me-dC	06-Me-dG	N6-Me-dA
8-oxo-dA	8-oxo-dG	5-OH-dC	5-OH-dU
5-Hydroxymethyl-dU	Tymin-Dimer	Thiol S-S	etc

Delivery Product

1tube type

- Dried up or Diluted in D.W. or TE
- Datasheet with the sequence, M.W., T_m, the rate of GC, O.D., μ g, nmol
- HPLC Chart (Applicable product only)

96-well plate type

- Dried up or Diluted in D.W. or TE
- Cluster tube plate: 1.2ml
- Datasheet with the sequence, M.W., T_m, O.D., nmol, the amount of solution (Diluted only) / well position

Flow to order

Please send your requests to us.

I: Please email or send the order form downloaded from BEX web page by email. (<http://www.bexnet.co.jp>)
Emails with the information of the oligo sequence and any other data are acceptable. E-mail : info@bexnet.co.jp FAX : +81-3-5375-5636
II: Web forms are also acceptable.

FAQ

Q. Some white crystal is included in the oligo tube. Is this a problem?

A. Dried-up oligo DNA usually forms 3 types:

1. white crystal
2. clear pellet
3. clear film

Even the same sample will form different from what it was as it is dried up. In any cases, the quality is no problem.

Q. How is oligo diluted

A. If 100pmol/ μ l oligo is needed, dilute oligo with the amount (μ L) 10 times as much as the amount (μ L) value equivalent to "nmol" in the datasheet delivered together.

Q. How to keep oligos

A. Dried-up oligos are reserved in the refrigerator (4°C) or the freezer (-20°C) until use. Diluted oligos are cryopreserved. We strongly recommend that oligos are cryopreserved after dispensed because the repeat of melting and freezing dramatically lowers the quality.

Custom RNA Synthesis

siRNA, RNA Synthesis

Product Lineup

siRNA Synthesis

Scale・Purification	0.2 μ mol		1.0 μ mol	
	Cartridge	HPLC	Cartridge	HPLC
Price (double strands set)	¥20,000	¥35,000	¥50,000	¥80,000
Chain Length (incl. overhang)	21~23mer			
Yield	20nmol	5nmol	50nmol	15nmol

* overhang is applied for dTdT or rUrU.

* The listed price applies for 21~23mer (incl. overhang).

* The listed yield applies for siRNA with no modification and the yield at the point of the delivery.

RNA Synthesis

Scale	0.2 μ mol	1.0 μ mol
Price (/mer)	¥2,000	¥2,900
HPLC Purification	¥10,000	¥15,000

* The fee of Less than 15-mer RNA is applied for one of 14-mer RNA.

* Our staff will contact you about the scale and yield in advance according to the difficulty of synthesis.

* The yield depends on the sequence.

Delivery Date

Our staff contacts you after the order.

Delivery Product

siRNA Synthesis

- Freeze-dried (Frozen)
- Datasheet Sequence / M.W. / Tm / GC% / μ g / nmol
- The photos of Electrophoresis
- TOF-MASS data
- HPLC Chart (HPLC order only)

RNA Synthesis

- Freeze-Dried (Frozen)
- Datasheet Sequence / M.W. / Tm / GC% / μ g / nmol
- HPLC Chart

Flow to Order

Please send your requests to us.

Please email or send the order form downloaded from BEX web page by email. (<http://www.bexnet.co.jp>)
Emails with the information of the sequence and any other data are acceptable. E-mail : info@bexnet.co.jp FAX : +81-3-5375-5636