

# Custom LNA Order Form

Fax to 972-420-0442



Standard LNA oligo orders are shipped in **4 DAYS**  
 Visa, MasterCard, AMEX, Discover Accepted

**Total # of Oligos in  
 this P.O.** \_\_\_\_\_

Orderer: \_\_\_\_\_ Phone #: \_\_\_\_\_ Date ordered: \_\_\_\_\_ P.O. #: \_\_\_\_\_  
 P.I.: \_\_\_\_\_ Credit Card #: \_\_\_\_\_  
 Institution: \_\_\_\_\_ Exp Date: \_\_\_\_\_ Card Holder Name: \_\_\_\_\_  
 Ship to: \_\_\_\_\_ Quote#: \_\_\_\_\_  
 Bill To: \_\_\_\_\_

Please choose a confirmation method. We will confirm receipt of your order within 24 hours (M-F).

Fax \_\_\_\_\_  Phone \_\_\_\_\_  E-Mail \_\_\_\_\_  None

**OLIGO#:** \_\_\_\_\_ **SEQUENCE ID:** \_\_\_\_\_ **LENGTH:** \_\_\_\_\_

by default all LNA synthesis are desalted, deprotected, ready to use!

**Scale:**  100 nmole (synthesis only!)  100 nmole (5 OD)  200 nmole (10 OD)  400 nmole (20 OD)  1.0 umole (45 OD) **Other Scale:** \_\_\_\_\_

**Purification:**  Yes  No (Default) **2' Deprotect/Desalt:**  Yes (Default)  No  48-hr (\$50) **Express Service:**  Standard (Default)  72-hr (\$20)

Note: \_\_\_\_\_

**5'** \_\_\_\_\_ **3'**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75

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## Custom LNA Options and Abbreviations

### We offer the following bases:

Standard Ribo, 2'-Deoxy, and 2'-O-Methyl bases

A, C, g, U = Ribonucleosides

mA, mC, mg, mU = 2'-OMe

dA, dC, dg, dT = 2'-Deoxy

### And these additional options:

PAGE Purification

2'-Deprotection & Desalting

Phosphorothioate Modification

Other Modifications

### Modified Bases For Use Mid-sequence

<b>DAP</b>	2,6-Diaminopurine	<b>4-S-U</b>	4-Thio-uridine	<b>I</b>	Inosine
<b>2'-P-U</b>	2'-Amino-butyl-pyrene-uridine	<b>5-N-U</b>	5-Amino-allyl-uridine	<b>3-M-U</b>	N <sup>3</sup> -Methyl-uridine
<b>2'-N-U</b>	2'-Amino-uridine	<b>U[5Br]</b>	5-Bromo-uridine	<b>~U</b>	Pseudouridine
<b>dU</b>	2'-Deoxy-uridine	<b>C[5F]</b>	5-Fluoro-cytidine	<b>Pu</b>	Purine ribonucleoside
<b>2'-N-C</b>	2'-Amino-cytidine	<b>U[5F]</b>	5-Fluoro-uridine	<b>RBV</b>	Ribavirin
<b>2'-F-C</b>	2'-Fluoro-cytidine	<b>U[5I]</b>	5-Iodo-uridine	<b>rT</b>	Ribo-thymidine
<b>2'-F-U</b>	2'-Fluoro-uridine	<b>5-M-C</b>	5-Methyl-cytidine	<b>DMA</b>	N <sup>6</sup> ,N <sup>6</sup> -dimethyl-Adenosine
<b>2AP</b>	2-Aminopurine	<b>dab</b>	Deoxy-abasic		

### 5'-Modifications

<b>N12</b>	5'-Amino, 12-carbon	<b>Cy3</b>	5'-Cy3	<b>5'-PC-Bi</b>	5'-Photocleavable Biotin
<b>N5</b>	5'-Amino, 5-atoms	<b>Cy5</b>	5'-Cy5	<b>5'-Tet</b>	5'-Tetrachloro-fluorescein
<b>N3</b>	5'-Amino, 3-carbon	<b>5'-Dabs</b>	5'-Dabsyl	<b>5'-Th</b>	5'-Thiol
<b>N6</b>	5'-Amino, 6-carbon	<b>FI</b>	5'-Fluorescein		
<b>Bi</b>	5'-Biotin	<b>5'-P</b>	5'-Phosphate		

### Dye/Bioconjugate Labeling

<b>3'-Bi</b>	3'-Biotin	<b>3'-LCBi</b>	3'-LC Biotin	<b>5'-Pyr</b>	5'-Pyrene Butyryl linker
<b>3'-Cy3</b>	3'-Cy3	<b>3'-2LCBi</b>	3'-LC LC Biotin	<b>5'-TAM</b>	5'-TAMRA-Hexyl linker
<b>3'-Cy5</b>	3'-Cy5	<b>3'-TAM</b>	3'-TAMRA		
<b>3'-FI</b>	3'-Fluorescein	<b>5'-PEG</b>	5'-PEG-40K		

### 3' Modifications

<b>N3-3'</b>	3'-Amino Modifier	<b>b</b>	3'-Inverted abasic	<b>Pmn</b>	3'-Puromycin
<b>3'-dG</b>	3'-Deoxy-guanosine	<b>idT</b>	3'-Inverted deoxythymidine	<b>ddC</b>	3'-Dideoxy-cytidine

Please visit [www.biosyn.com](http://www.biosyn.com) for complete options and pricing.

If you are interested in a modification that is not listed above, please call us for availability.