

Oligo Synthesis Services

Advantages

Ultrafast rate for primer synthesis

Perfect online ordering system and after-sales service for primer synthesis

International advanced high-throughput DNA synthesizer

With a variety of purification methods such as OPC, RPC, DSL, PAGE, etc.

Cusabio has international advanced high-throughput DNA synthesizer, professional staffs and mature method for synthesis and purification. We can provide you with high-quality, multi-species primer synthesis service timely. We can ensure you with top quality and fast delivery time.

Service

Simple Oligo Synthesis

Length	Productivity	Nmole	Unit Price	Purification Method	Delivery Time	Format
<15bp	1-2 OD	25-50 nmol	\$5.0	DSL、RPC	3-5 working days	Lyophilized powder
	3-4 OD	50-100 nmol	\$5.0		3-5 working days	
15-59bp	1-4 OD	10-50 nmol	\$0.13/bp		3-5 working days	
	5-8 OD	50-100 nmol	\$0.26/bp		3-5 working days	
	>8 OD	> 100 nmol	Inquiry		Inquiry	
<15bp	1-2 OD	50-100 nmol	\$5.0	PAGE	3-5 working days	Lyophilized powder
15-59bp	1-2OD	25-50 nmol	\$0.27/bp		3-5 working days	
	3-4 OD	50-100 nmol	\$0.27/bp		3-5 working days	
	5-8 OD	100-200 nmol	\$0.47/bp		3-5 working days	
	>8 OD	Inquiry	Inquiry		Inquiry	
15-59bp	1-2 OD	25-50 nmol	\$0.4/bp+\$12/Oligo	HPLC	3-5 working days	Lyophilized powder
	3-4 OD	50-100 nmol	\$0.8/bp+\$12/Oligo		3-5 working days	
	5-6 OD	100-200 nmol	\$1.2/bp+\$24/Oligo		3-5 working days	
	>8 OD	Inquiry	Inquiry		Inquiry	

Long Oligo Synthesis

Length	Productivity	Nmole	Unit Price	Purification Method	Delivery Time	Format
60-80bp	1-4 OD	10-50 nmol	\$0.34/bp	DSL、RPC	3-5 working days	Lyophilized powder
	5-8 OD	50-100 nmol	\$0.68/bp		3-5 working days	
	>8 OD	> 100 nmol	Inquiry		Inquiry	
60-80bp	1-2 OD	25-50 nmol	\$0.4/bp	PAGE	3-5 working days	Lyophilized powder
	3-4 OD	50-100 nmol	\$0.8/bp		3-5 working days	
	5-8 OD	100-200 nmol	\$1.2/bp		3-5 working days	
	>8 OD	Inquiry	Inquiry		Inquiry	
60-80bp	1-2 OD	25-50 nmol	\$1.0/bp+\$12/Oligo	HPLC	3-5 working days	Lyophilized powder
	3-4 OD	50-100 nmol	\$2.9/bp+\$12/Oligo		3-5 working days	
	>5 OD	> 100 nmol	Inquiry		Inquiry	

Oligo Synthesis Services

Modified Oligo Synthesis

Common modification forms of primer include phosphorylation, biotin, high and new, internal amino modification, 5' amino modification, 3' amino modified, etc. They can be used for all kinds of nonradioactive immunity analysis, hybridization reaction.

Cusabio has powerful primer synthesis ability, we can quickly synthesize high quality common primers for you, and we can also provide many kinds modify group of modified primer synthesis service. Such as:

modification Species	Specifications	Purification Method
minor base	dI, dU	PAGE
Phosphorothioate	SPO3	PAGE
Phosphorylation	5'PO4, 3'PO4	HPLC
Amino Linkers	5' or 3' NH2 C3, 5' NH2 C6, 3' NH2 C7, 5' NH2 C12, 5' NH2 C6 dT, 3' NH2 C6 dT	HPLC
Thiolation	3' SH C6, 5' SH C6	HPLC
Biotin	5' Biotin, 3' Biotin, 5' Biotin TEG, 3' Biotin TEG, 5' Dual Biotin, 5' or Internal Biotin dT, 5' PC Biotin	HPLC
Digoxin	5' or 3' Digoxin	HPLC
Fluorophores	5' Cy3, 3' Cy3, Internal Cy3, 5' Cy5, 3' Cy5, Internal Cy5, 5' FAM, 3' FAM, 5' HEX, 5' TET, 5' 6-JOE, 3' 6-JOE, 5' Rox, 3' Rox, 5' TAMRA, 3' TAMRA, Internal TAMRA	HPLC
Quenchers	3' DABCYL, 3' BHQ 1, 3' BHQ 2	HPLC
3' TAMRA	5' FAM-3' TAMRA, 5' HEX-3' TAMRA, 5' TET-3' TAMRA, 5' JOE-3' TAMRA	HPLC
3' DABCYL	5' FAM-3' DABCYL, 5' HEX-3' DABCYL, 5' TET-3' DABCYL, 5' JOE-3' DABCYL, 5' TAMRA-3' DABCYL	HPLC
3' BHQ1	5' FAM-3' BHQ1, 5' HEX-3' BHQ1, 5' TET-3' BHQ1	HPLC
BHQ2	5' ROX-3' BHQ2	HPLC

RNA Synthesis

Chemical synthesized RNA as an important research tool, is widely used in the research and application of gene function analysis, new types of treatment strategies development etc.

Cusabio is equipped with various kinds of full-automatic synthesizers, advanced purification equipment, and has rich experience in RNA synthesis, has a perfected set of RNA synthesis and purification technology, can provide RNA synthesis products with high quality, including: single-stranded RNA, double-stranded RNA, modified/tagged RNA, siRNA, miRNA, mimics, etc.

In order to ensure the high quality of RNA oligo, Cusabio synthesizes RNA through MALDI - TOF mass spectrometry identification (matrix - assisted laser desorption/ionization time - of - light) with strict QC standards, and analyzes the purity of RNA product by HPLC.

Advantages

- ◆ Flexible and varied synthesis specifications: 1 OD, 2 OD, 4 OD, 8 OD, etc, we can also provide large scale customization;
- ◆ Primer synthesis expert team with more than 20 years of experience;
- ◆ High quality: ISO 9001 certification, comprehensive quality control report (HPLC/MS/CGE);
- ◆ Competitive price.

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