

BiOligo Biotechnology

Company Profile

BiOligo Biotechnology (Shanghai) Co., Ltd., established in 2011, is a high-tech company committed to providing essential raw materials for in vitro diagnostics and nucleic acid drug applications.

Utilizing systematic technological breakthroughs and adopting a Lean Six Sigma management system, we emphasize on both pivotal technological advancements and continuous improvement through micro-innovation, resulting in significant achievements in product research and development, as well as notable progress in technological innovation. BiOligo provides premium, convenient and reliable services and products for over 1000 IVD customers.

Products

Oligo Synthesis

 2 OD-50,000 OD/batch

 300,000 OD/day

★ Oligo synthesis

- Custom DNA oligos
- Custom RNA oligos
- Oligo Modifications

★ qPCR probe

- Taqman probe
- Molecular beacon probe
- Melt curve probe
- Super-quenched probe (Double quencher probe)

NGS

 Suitable for illumine and MGI platform

- Adapter
- Blocker
- Capturer
- Amplicon PCR primer
- Hybrid Capture Reagent Kit
- DNA&RNA Library Prep Kit

Enzyme products

- Taq DNA Polymerase
- RNase Inhibitor
- Uracil N-Glycosylase (UNG)
- Reverse Transcriptase
- One step RT-qPCR Kit
- 1st Strand cDNA Synthesis Kit
- Taq PCR Master Mix (high yield / high fidelity/ GC-rich)
- Taq Universal SYBR Green qPCR Master Mix
- Taq U+ Multiple Master Mix (Probe qPCR)

Modification Selections

BiOligo can provide multiple modifications, which can be modified either at the 3', 5' end or both end, or at the phosphate backbone or specific bases.

Fluorescence groups	Quenched groups	Chemical modification	Special bases	Spacer	
6-FAM Alexa Fluor 350 Alexa Fluor 405 Alexa Fluor 430 Alexa Fluor 488 Alexa Fluor 532 Alexa Fluor 546 Alexa Fluor 555 Alexa Fluor 568 Alexa Fluor 594 Alexa Fluor 647 Alexa Fluor 750 AMCA ATTO 390 ATTO 425 ATTO 488 ATTO 495 ATTO 532 ATTO 550 ATTO 565 ATTO 594 ATTO 633	ATTO 647N ATTO 680 Cy3 Cy5 Cy5.5 Cy7 CF 405L CFO 560 CFR 610 FITC HEX JOE NED Pacific Blue Quasar 670 Quasar 705 ROX TAMRA TET Texas Red-X VIC	BQ-0 BQ-1 BQ-2 BQ-3 BQ-X TAMRA Eclipse Dabcyl SQ-1 SQ-2 SQ-3 SQ-X	Biotin Dual Biotin Amino linker C6 Amino linker C7 Amino linker C12 Alkyne Acrydite Aldehyde Azide Azobenzene Carboxy Cholesterol CHCH DBCO Digoxigenin Ferrocene Maleimide Thiol C6 Thiol Modifier C6-S-S Triple SH Triple Biotin TMT ZIP4	Amino C6 dA/dC/dT LNA dI/dU ddA/ddC Inverted dT/dG/dC/dA iso dG N6-Methyl dA NPOM-dT Pyrrolo dC RNA rApp UNA 2-F-RNA 2-O-Methyl RNA 2-MOE RNA 2-Aminopurine 5-Bromo dU 5-Methyl dC 5-Me-iso dC 5-Nitroindole 5-Hydroxymethyl dC 8-oxo dG β-L-Phosphoramidite	dSpacer PC-linker Spacer 9 Spacer 18 Spacer C3 Spacer C6 Spacer C12
				Phosphorylation Phosphate Phosphorothioate	

400+
Modification

Services

Gene Therapy

- siRNA- standard & modified siRNA/ UHP siRNA/ Animal-level *in vivo*-siRNA
- miRNA
- ASO
- shRNA vector construction
- CpG adjuvant

Gene Editing

- gRNA
- crRNA
- tracrRNA

Molecular Detection Solution

- Primer/Probe Optimization
- Reaction System Optimization
- Amplification Condition Optimization



Customized Services



Well-documented Process



Quality Assurance



Pre-sales & After-sales Guarantee

BiOligo Biotechnology (Shanghai) Co., Ltd.

- ✉ E-mail: blg-mkt@bioligo.com
- 🌐 Web: www.bioligo.com
- ☎ Tel: 021-57632761
- 📍 Add: Building 23, No.99 Shuhai Road, Songjiang District, Shanghai

