



Your Partner in Enzyme-Driven Nucleic Acid Labeling

*On-Demand
Oligonucleotide End-Labeling Kits*



CHI JI TECHNOLOGY
Scan for website

Key Features & Benefits



Versatile

Works on ssDNA, RNA, or oligo pools



Fast & Simple

From start to finish in a few hours



In situ Processing

Accelerate Design-Build-Test Cycle



High Productivity

Optimized enzymes; maximum efficiency; HPLC-like purity



All-in-One Kit

Enzymes, labels and clean-up tools are provided.

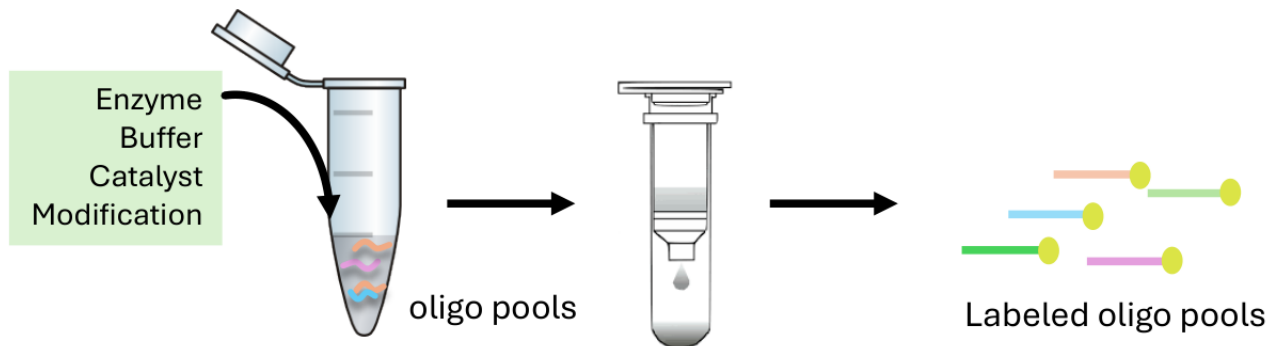


Eco-Friendly

Minimal reagents, minimal waste. No toxic chemical.

Simple Workflow

Label “single” or “multiple” oligos in one reaction.



5'-End Labeling



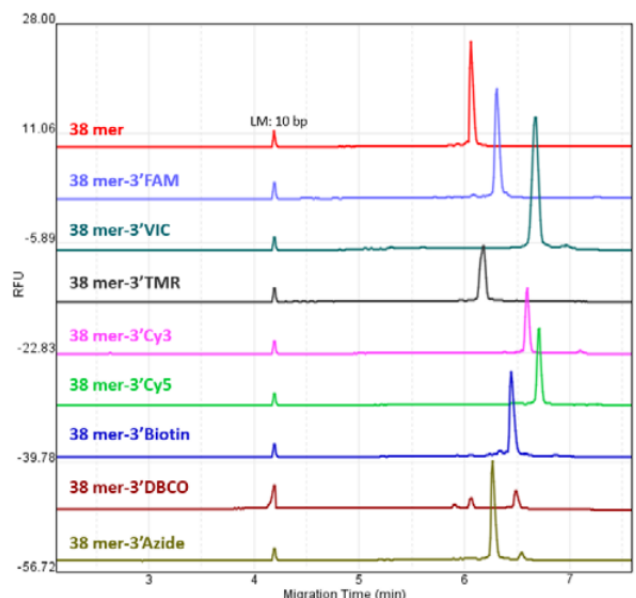
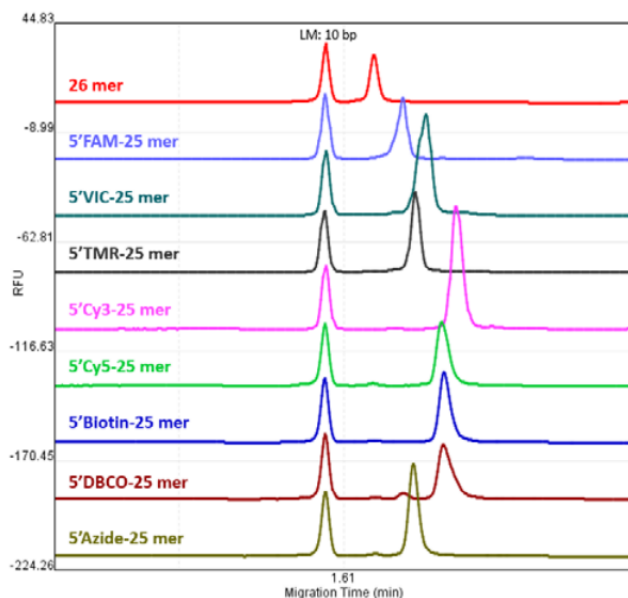
Label at 5'-end ssDNA → **Digest** unlabeled ssDNA → **Purify** 5'-labeled ssDNA

3'-End Labeling



Label at 3'-end ssDNA → **Purify** 3'-labeled ssDNA

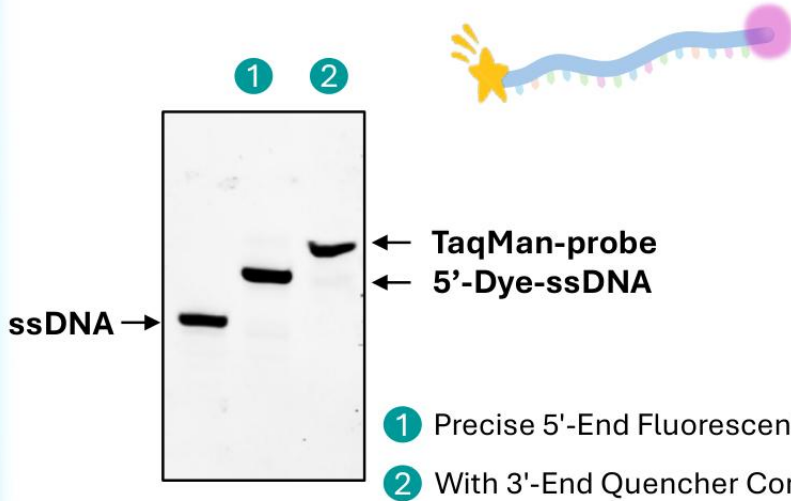
Analysis of ssDNA End-Labeling via BiOptic Qsep BioFragment Analyzer



< 3-minute Analysis

Enhanced Dual-End ssDNA Labeling for TaqMan qPCR Probes

— verified by Urea-PAGE analysis

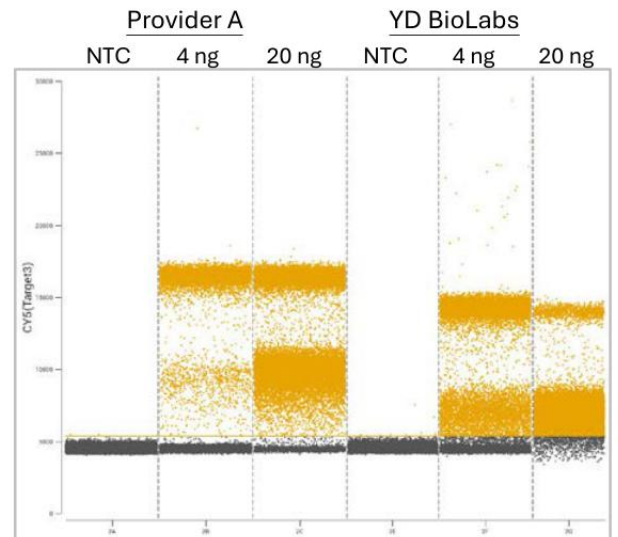
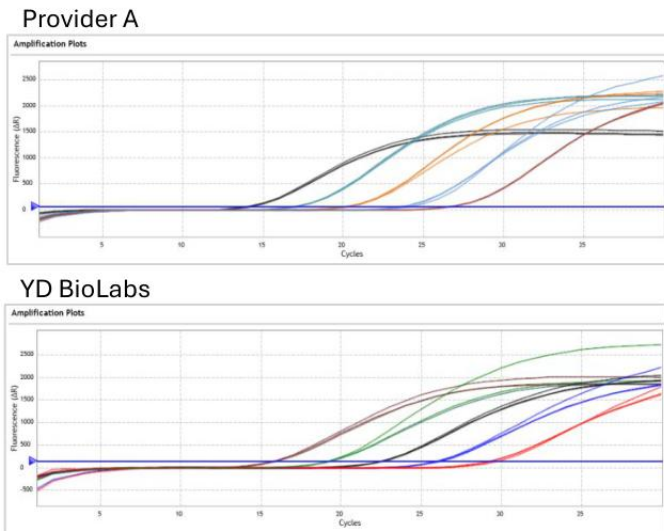


5' Dye	Max. EX (nm)	Max. EM (nm)	3' Quencher
Dye488	495	520	BHQ1
VIC	526	543	BHQ1
TAMRA	557	583	BHQ2
Cy3	549	566	BHQ2
Cy5	646	669	BHQ2

Feature Applications

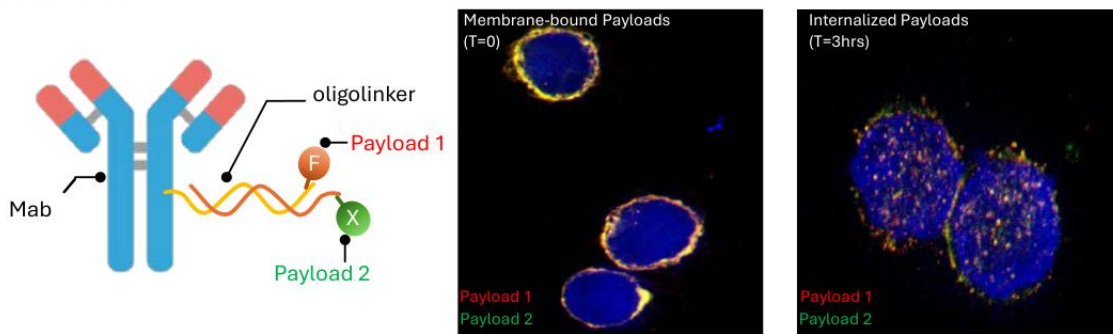
Efficiency. Accuracy. Consistency.
Reliable TaqMan qPCR with rapid dual-labeling.

Unlock the power of dPCR!
Experience unmatched precision and sensitivity.



Unlock Broader Applications with Dual-End DNA Labeling

Enable Targeted Cellular Delivery: Antibody-Oligonucleotide Conjugates (AOC) for Fluorophores and Therapeutics.



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Procurement service available

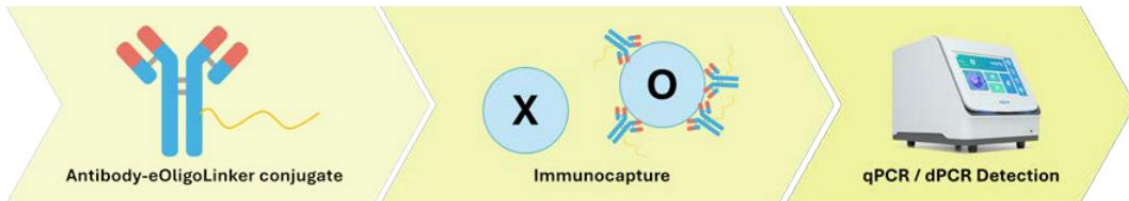
Lead time: 2 months



Rapid eOligoLinker Antibody Conjugation Kit

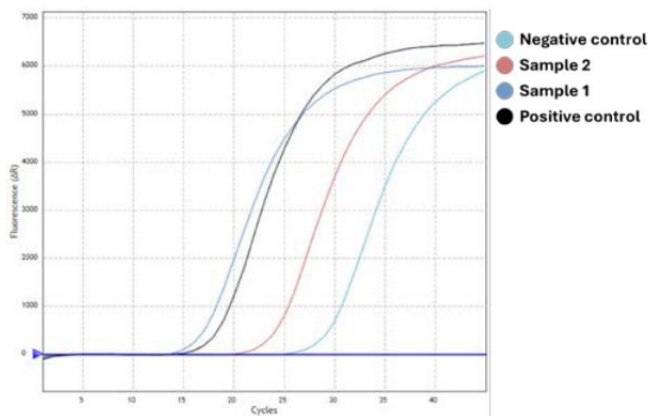
- ✓ **Universal Capability**
- ✓ **Simple & Fast**
- ✓ **Versatile Application**
- ✓ **High Flexibility of Design**

Harnessing Precision: Immuno-PCR Detection Applications

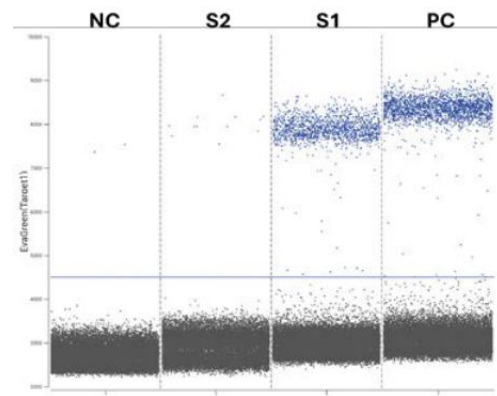


eOligoLinker: Versatile compatibility with any antibody target. Enables rapid Antibody-oligonucleotide conjugate preparation—no custom nucleic acid sequences needed. Paired with qPCR/dPCR, it unlocks ultra-sensitive immuno-PCR detection.

qPCR

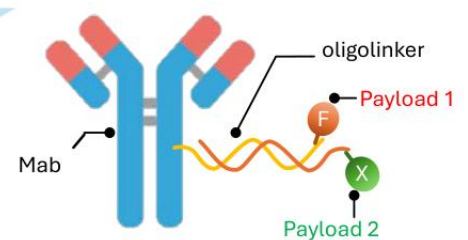


dPCR

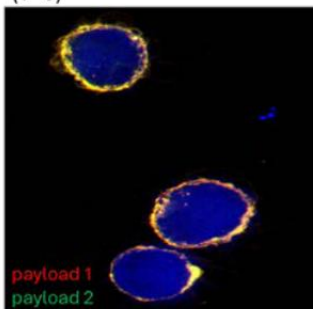


Tailored Designs for Precision AOC Targeting

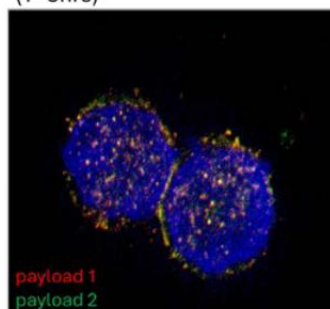
Pair eOligoLinker with our DNA labeling and antibody-oligo conjugation kits for precise, customizable solutions in therapeutics, immuno-PCR diagnostics, and nucleic acid modifications.



membrane bound payloads (T=0)



internalized payloads (T=3hrs)



- ✓ High flexibility of payload performance
- ✓ Biocompatibility & improving solubility
- ✓ Fast and tailored development
- ✓ Preserve antibody function
- ✓ Controlled payload localization

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Procurement service available

Lead time: 2 months



Rapid 5'-End ssDNA Labeling Kit

Cat. No.	Product Name	Quantity
P1010 P1011	5'-End ssDNA Labeling Kit/with FAM	3 Rxn 10 Rxn
P1020 P1021	5'-End ssDNA Labeling Kit/with VIC	3 Rxn 10 Rxn
P1030 P1031	5'-End ssDNA Labeling Kit/with TAMRA	3 Rxn 10 Rxn
P1040 P1041	5'-End ssDNA Labeling Kit/with Cy3	3 Rxn 10 Rxn
P1050 P1051	5'-End ssDNA Labeling Kit/with Cy5	3 Rxn 10 Rxn
P1060 P1061	5'-End ssDNA Labeling Kit/with Biotin	3 Rxn 10 Rxn
P1070 P1071	5'-End ssDNA Labeling Kit/with DBCO	3 Rxn 10 Rxn
P1080 P1081	5'-End ssDNA Labeling Kit/with Azide	3 Rxn 10 Rxn

Rapid 3'-End ssDNA Labeling Kit

Cat. No.	Product Name	Quantity
P2010 P2011	3'-End ssDNA Labeling Kit/with FAM	3 Rxn 10 Rxn
P2020 P2021	3'-End ssDNA Labeling Kit/with VIC	3 Rxn 10 Rxn
P2030 P2031	3'-End ssDNA Labeling Kit/with TAMRA	3 Rxn 10 Rxn
P2040 P2041	3'-End ssDNA Labeling Kit/with Cy3	3 Rxn 10 Rxn
P2050 P2051	3'-End ssDNA Labeling Kit/with Cy5	3 Rxn 10 Rxn
P2060 P2061	3'-End ssDNA Labeling Kit/with Biotin	3 Rxn 10 Rxn
P2070 P2071	3'-End ssDNA Labeling Kit/with DBCO	3 Rxn 10 Rxn
P2080 P2081	3'-End ssDNA Labeling Kit/with Azide	3 Rxn 10 Rxn

Rapid Dual-End ssDNA Labeling Kit

Cat. No.	Product Name	Quantity
P3010 P3011	Dual-End ssDNA Labeling Kit/with Dye488 and BHQ1	5 Rxn 10 Rxn
P3020 P3021	Dual-End ssDNA Labeling Kit/with VIC and BHQ1	5 Rxn 10 Rxn
P3030 P3031	Dual-End ssDNA Labeling Kit/with TMR and BHQ2	5 Rxn 10 Rxn
P3040 P3041	Dual-End ssDNA Labeling Kit/with CY3 and BHQ2	5 Rxn 10 Rxn
P3050 P3051	Dual-End ssDNA Labeling Kit/with CY5 and BHQ2	5 Rxn 10 Rxn



For orders or sample requests, please contact us.