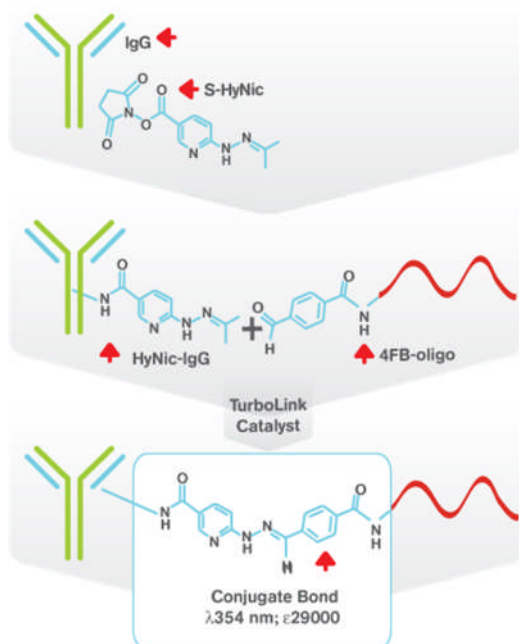


Product Data Sheet/Certificate of Analysis

Protein-Oligo Conjugation Kit

Storage: **Store at 4°C.**



Catalog Number: S-9011-1

Lot Number:

Components:	Component #:	Units:
S-HyNic	S-9010-1-01	2 X 1.0 mg
S-4FB	S-9010-1-02	2 X 1.0 mg
10X Modification Buffer	S-9010-1-03	1.5 mL
10X Conjugation Buffer	S-9010-1-04	1.5 mL
10X TurboLink Catalyst Buffer	S-9010-1-05	1.0 mL
0.5 mL Zeba Spin Columns	S-9010-1-06	4
5K MWCO Diafiltration Spin Filter	S-9010-1-08	4
Anhydrous DMF	S-9010-1-07	1 mL
2-Hydrazinopyridine.2HCl	S-9010-1-09	25 mg
2-Sulfobenzaldehyde	S-9010-1-10	25 mg
10X MES Buffer	S-9010-1-11	1.5 mL
2.0 mL Zeba Spin Columns	S-9010-1-13	2
10X PBS	S-9010-1-14	1.5 mL



Test		Result
Assay Performance		Passed

QC Release Date:	Expiration Date:
Released By:	

Product Description

The Protein-Oligo Conjugation Kit is designed to conjugate 2 separate reactions of protein 7kDa or greater with an amino modified oligo (up to 100 monomers in length). Any suitably pure monoclonal or polyclonal antibody can be conjugated to the oligonucleotide. This kit is flexible so that researchers with little or no conjugation experience can make their own custom protein-oligo conjugates to suit their needs. HPLC purification of excess oligo may be required when the application requires highly pure conjugates.

Application

This kit is used to conjugate proteins to oligonucleotides which can be used for the most demanding applications including DNA directed self-assembly, microarray-based immunoassays, amplification and/or hybridization based detection of antigen/conjugate complexes. Conjugates can be used for these and other applications where highly quality conjugates are required.

Comments

Store at 4°C. Not intended for internal or external use in humans.

