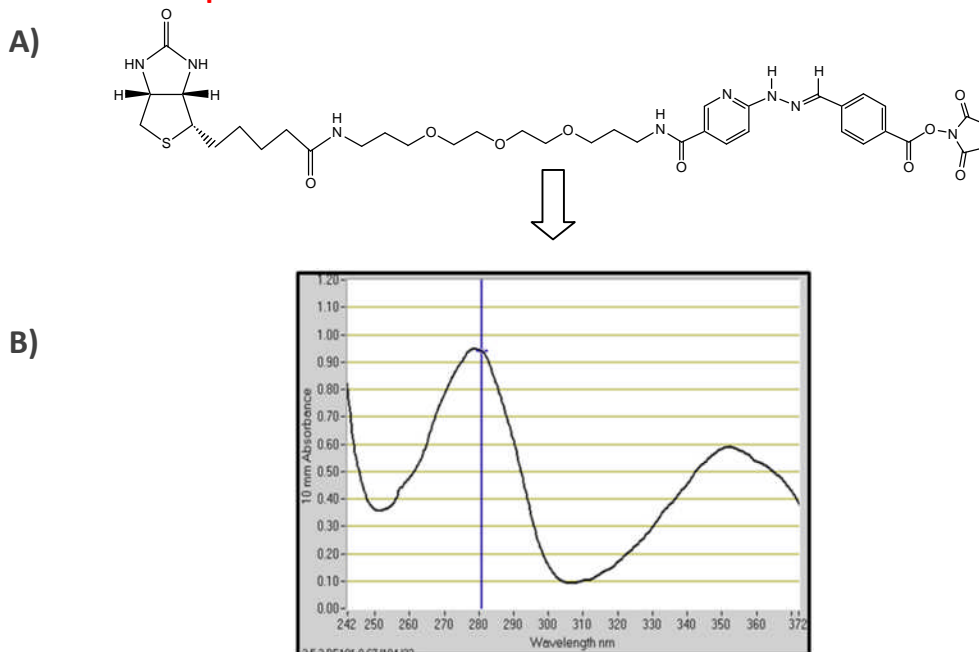


## Product Data Sheet/Certificate of Analysis

### ChromaLink One-Shot Antibody Biotinylation Kit

Storage: **Store at room temperature.**



**Figure:** A) ChromaLink Biotin reagent structure B) UV absorption spectra of buffer exchanged Biotinylated bovine IgG using the ChromaLink<sup>TM</sup> Biotin One-Shot Kit; peak at 354nm allows quantification of biotin incorporation.

Catalog Number: B-9007-009K

Lot Number:

#### Components:

#### Component #:

#### Units:

ChromaLink Biotin	B-9007-009-00	6.49 µg
1X Modification Buffer	B-9007-009-02	1.5 mL
1X PBS	B-9007-009-03	1.5 mL
Collection tubes	B-9007-009-04	4
7K MWCO 0.5 mL Zeba <sup>TM</sup> Spin Columns	B-9007-009-05	2
Biotinylated Bovine IgG Control (MSR = X.XX)	B-9007-009-06	100 µg
1M Tris HCl	B-9007-009-07	500 µL
Anhydrous DMF	B-9007-009-08	500 µL

Zeba<sup>TM</sup> -Trademark of Thermo Scientific/Pierce

The products offered here are for research use only. Any commercial application will require a license from Solulink. The Solulink Conjugation System is patented and has multiple patents pending. Please contact Solulink for information regarding licensing information. Solulink products and methods may be covered by one or more of the following United States patents Nos. 6,686,461, 6,800,728, 7,102,024, 7,173,125, 7,462,689 and other pending patent applications. Information in this manual is subject to change without notice and does not constitute a commitment on the part of Solulink, Inc. It is supplied on an "as is" basis without any warranty of any kind, either explicit or implied. Information may be changed or updated in this manual at any time. This document may not be copied, transferred, reproduced, disclosed, or duplicated, in whole or in part, without the prior written consent of Solulink, Inc. This documentation is proprietary information and protected by the copyright laws of the United States and international treaties. The manufacturer of this documentation is Solulink, Inc.



Test	Specification	Result
Assay Performance	Incorporates 3-8 biotin molecules per antibody molecule when kit is used as directed to label a single 100 µg quantity of antibody at 1 mg/mL.	

QC Release Date	Expiration Date:
Released By:	

## Product Description

ChromaLink Biotin is the most advanced protein biotinylation reagent available. It features a succinimidyl ester functional group which modifies protein lysine residues under mild aqueous conditions. The linker is UV-traceable and absorbs at 354 nm. This UV-signature permits rapid quantification of incorporated biotin using a nondestructive absorption measurement at two wavelengths (A280 and A354). The linker possesses an extended PEG<sub>3</sub> spacer that also helps preserve and maintain streptavidin/biotin affinity.

## Application

This kit allows biotinylation of 100µg of a single whole antibody for use in Western blot, ELISA, solid phase immobilization or immunohistochemical (IHC) applications. ChromaLink Biotin can also be used as an alternative replacement to standard NHS-Biotin linkers in any assay.

---

## Comments

**Store at room temperature.** Not for internal or external use in humans.

