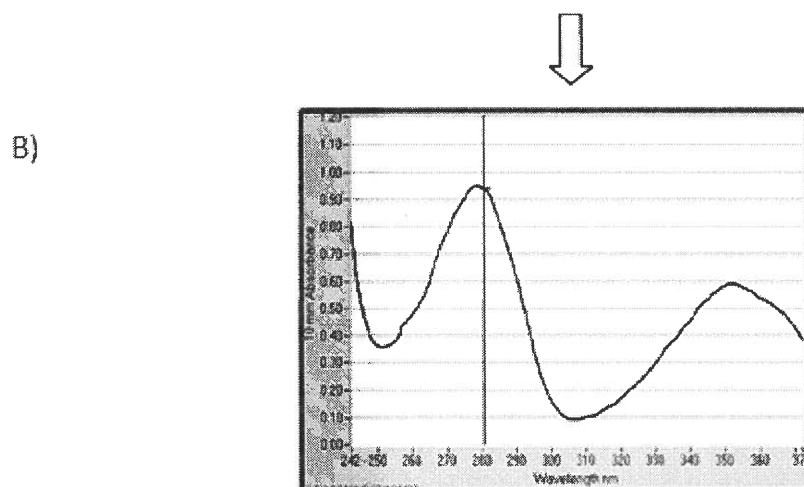
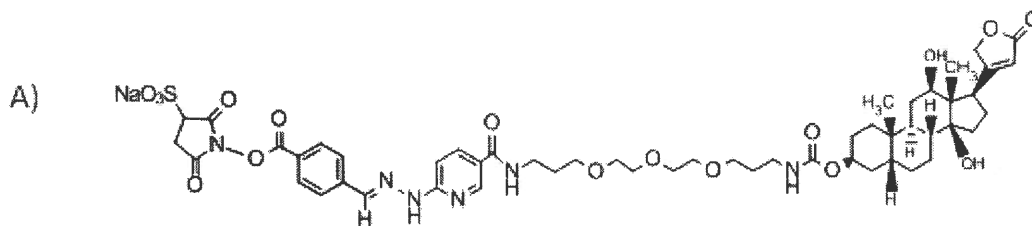


Product Data Sheet/Certificate of Analysis

ChromaLink Digoxigenin One-Shot Antibody Labeling Kit

Storage: Store at 4°C.



A) Sulfo ChromaLink Digoxigenin Reagent structure.

B) Overlaid UV absorption spectra of buffer-exchanged DIG-labeled bovine IgG using ChromaLink™ Digoxigenin One-Shot Kit. Peak at 354nm allows for quantification of DIG incorporation.

Catalog Number:

B-9014-009K

Lot Number:

WOTL6982

Component	Component #	Part #	Units
Sulfo-ChromaLink Digoxigenin	B-9014-009-1	B-1014-0.011	11 µg
1X Modification Buffer	B-9014-009-2	S-8000-1.5	1.5 mL
1X PBS	B-9014-009-3	S-8001-1.5	1.5 mL
Anhydrous DMF	B-9014-009-4	S-4001-1.5	1.5 mL
2 mL Collection Tube	B-9014-009-5	S-8014-2	4
0.5 mL Zeba™ Column	B-9014-009-6	S-4024-0.5	2

DIG-labeled Bovine IgG Control	B-9014-009-7	S-8042-0.1	100 µg
1M Tris HCl	B-9014-009-8	S-8005-1.5	1.5 mL

Test	Specification	Result
Assay Performance	Incorporates 2-8 digoxigenin molecules per antibody when kit is used as directed to label 100 µg of antibody.	Passed

QC Release Date:	6/21/2018	Expiration Date:	12/21/2019
Product Released By:			
<u>AL Aguirre</u>		<u>22 Jun 2018</u>	
QA	Date		

Product Description

ChromaLink digoxigenin is the most advanced digoxigenin labeling reagent available. It features a water-soluble sulfo-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 digoxigenin using a nondestructive absorption measurement at two wavelengths (A280 and A354). The linker possesses an extended PEG₃ spacer that also helps preserve and maintain antibody/hapten affinity.

Application

This kit is used to digoxigenin label any lysine protein or antibody for the use in Western Blot, ELISA, immobilization and immunohistochemistry applications. May also be used in any assay as an alternative to a standard NHS-Digoxigenin linker.

Comments

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

