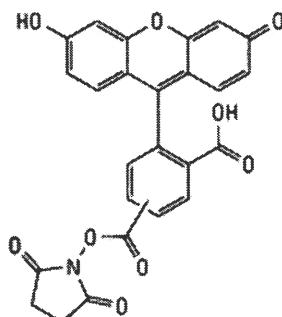


Product Data Sheet/Certificate of Analysis

Fluorescein One-Shot Antibody-Labeling Kit

Storage: Store at 4°C.

A)



B)

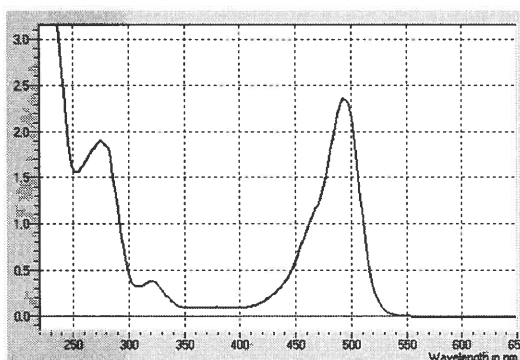


Figure: A) NHS-Fluorescein structure B) UV absorption spectra of buffer exchanged Fluorescein Bovine IgG Control using the Fluorescein One-Shot Kit, peak at 494nm allows quantification of fluorescein incorporation.

Catalog Number:	F-9001-009K	Lot Number:	WOTL6989
Component:	Component #:	Part #:	Units:
NHS-Fluorescein	F-9001-009K-01	S-8090-0.01	2 x 10 µg
10X Modification Buffer	F-9001-009K-02	S-4000-1.5	1.5 mL
0.5 mL Zeba™ Column	F-9001-009K-03	S-4024-0.5	4
2 mL Collection Tube	F-9001-009K-04	S-8014-2	8
Anhydrous DMF	F-9001-009K-05	S-4001-1.5	1.5 mL
Fluorescein Bovine IgG Control	F-9001-009K-06	S-8043-0.1	100 µg



Test	Specification	Result
Assay Performance	Incorporates 3-7 fluorescein molecules per antibody molecule when kit is used as directed to label a single 100 µg quantity of antibody.	Passed

QC Release Date:	6/25/2018	Expiration Date:	12/25/2019
Product Released By:			
<u>QA</u>	<u>26 Jun 2018</u>		
	Date		

Product Description

NHS-Fluorescein is the most advanced protein fluoresceinylation 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 494 nm. This UV-signature permits rapid quantification of incorporated fluorescein using a nondestructive absorption measurement at two wavelengths (A280 and A494).

Application

This kit allows fluoresceinylation of 2 x 100 ug aliquots of antibody for use in Western blot, ELISA, solid phase immobilization or immunohistochemical (IHC) applications.

Comments

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

