

Product Datasheet

Lightning-Link® Atto594 Antibody Labeling Kit 740-0015

Unit Size: 1 x 2mg Reaction

Store at -20C. Avoid freeze-thaw cycles.

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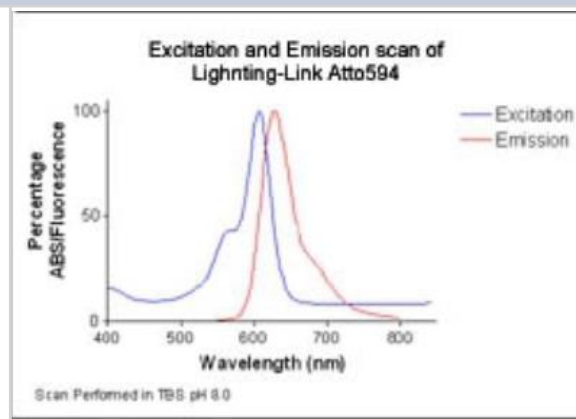


740-0015**Lightning-Link® Atto594 Antibody Labeling Kit**

Product Information	
Unit Size	1 x 2mg Reaction
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Conjugate	Atto594
Product Description	
Description	<p>Lightning-Link is an innovative technology that enables direct labeling of proteins, peptides or other biomolecules. The researcher simply pipettes the biomolecule into a vial of lyophilized mixture containing the label of interest and incubates. Despite its apparent simplicity, the Lightning-Link process is sophisticated and generates conjugates with performance characteristics identical to, or better than, those prepared with laborious multistep conjugation procedures.</p> <p>Features Benefits 30 seconds hands-on time Easy to use antibody labeling kit No separation steps Antibody recovery is 100% No losses Applicable to Western Blott, ELISA, Immunohistochemistry, Immunofluorescence, and FACS analysis Scalable technology From 10 ug up to 5 mg</p>
Kit Components	1 or 3 glass vial(s) of Lightning-Link mix, 1 vial of LL-Modifier reagent, 1 vial of LL-Quencher reagent
Notes	Learn more about Lightning-Link™ Conjugation Kits by reading FAQs For more information please check out these useful links! Antibody Labeling Guide Antibody Conjugation Illustrated Assay This product is manufactured by Expedeon Inc. and distributed by Novus Biologicals.
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry

Images

Flow Cytometry: Lightning-Link Atto594 Antibody Labeling Kit [740-0015]



Publications

Al-Dujaili EA, Mullins LJ, Bailey MA, Kenyon CJ. Development of a Highly Sensitive ELISA for Aldosterone in Mouse Urine: Validation in Physiological Pathophysiological States of Aldosterone Excess Depletion - . Steroids. 2008 [PMID: 19162057]

Bao S, Wu Q, Li Z, Sathornsumetee S, Wang H, McLendon RE, HjelmelAB, Rich JN. Targeting Cancer Stem Cells Through L1CAM Suppresses Glioma Growth - . Cancer Research , 68 pp 6043-6048. 2008 [PMID: 18676824]

Marr AK, Jenssen H, Moniri MR, Hancock RE, Pante N. Bovine lactoferrin lactoferricin interfere with intracellular trafficking of Herpes simplex virus-1 . Biochimie , 91 (1) pp 160-164. 2009 [PMID: 18573311]

Velappan N, Clements J, Kiss C, Valero-Aracama R, Pavlik P, Bradbury AR. Fluorescence Linked Immunosorbant Assays Using Microtiter Plates . Journal of Immunological Methods , 336 pp 135-141. 2008 [PMID: 18514691]



Procedures**Antibody Labeling Guide (740-0015)**

Our Lightning-Link Antibody Labeling Guide is a user friendly tool that allows you to learn the basics of common antibody labeling methods. It also describes Lightning-Link technology, which massively simplifies the production of labeled antibodies. The Lightning-Link approach requires no knowledge of chemistry and the hands-on time is just 30 seconds.

Visit this link to read our Antibody Labeling Guide:

<http://www.novusbio.com/support/support-by-application/antibody-conjugation/illustrated-assay.html>

This How To Guide Covers:

- Types of Immuno-experiments and Associated Labels
- Direct vs. Indirect Detection Methods
- Antibody Labeling Methods
- Buffers and Additives
- Antibody Concentration and Purity
- Benefits of Lightning-Link Antibody Labeling Kit





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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