

Product Datasheet

Lightning-Link (R) Rapid DyLight 405 Antibody Labeling Kit

321-0030

Unit Size: 3 Reactions (up to 20 ug)

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

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321-0030**Lightning-Link (R) Rapid DyLight 405 Antibody Labeling Kit**

Product Information	
Unit Size	3 Reactions (up to 20 ug)
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	DyLight 405
Product Description	
Description	<p>Lightning-Link Rapid is an innovative technology that enables direct labeling of proteins, peptides or other biomolecules for use in R&D applications, drug discovery and the development of diagnostic kits.</p> <p>The easy-to-use, one step procedure allows researchers to covalently label biomolecules with only 30 seconds hands-on time; furthermore conjugates are ready to use in less than twenty minutes.</p> <p>The researcher simply pipettes the biomolecule into a vial of lyophilized mixture containing the label of interest and incubates (for more details please watch the video below).</p> <p>FeaturesBenefits Quick and easy to use Save time, no special knowledge required No separation steps 100% recovery - no antibody/protein loss Can be used in a wide range of applications Flexible Freeze dried Ships at ambient temperature, long shelf-life Fully scalable (10 ug to 1 g or more) Easy transfer from R&D to manufacturing Stringently QC tested Consistent high quality, excellent batch-to-batch reproducibility Large number of labels available Experimental flexibility Reliable: nearly 300 references Successfully used in many fields of research</p> <p>DyLight 405 provides blue fluorescence for a wide array of fluorescence labeling-based applications. It has a strong absorption at 402nm, high fluorescence at 428nm (extinction coefficient $3.0 \times 10^4 \text{ cm}^{-1}\text{M}^{-1}$) and high quantum yield.</p>
Kit Components	1 or 3 glass vial(s) of Lightning-Link Rapid mix, 1 vial of LL-Rapid Modifier reagent, 1 vial of LL-Rapid Quencher reagent
Notes	<p>Learn more about Lightning-Link™ Conjugation Kits by reading FAQs</p> <p>For more information please check out these useful links! Antibody Labeling Guide Antibody Conjugation Illustrated Assay</p> <p>This product is manufactured by Expedeon Inc. and distributed by Novus Biologicals.</p>
Product Application Details	
Application Notes	The technology is fully scalable (ug to grams) ensuring quality and consistency without any deterioration in the performance of the conjugate. As there are no separation or desalting steps, antibody recovery is 100%. Furthermore, the bond between the label and biomolecule is covalent, therefore the conjugate is extremely stable. This kit is supplied with 3 vials, each suitable for labeling up to 20 ug of antibody.





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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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