

Product Datasheet

Lightning-Link (R) Rapid Cy5 Antibody Labeling Kit 342-0010

Unit Size: 3 x 100ug Reaction

Store at -20C.

www.novusbio.com



technical@novusbio.com

Publications: 9

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/342-0010

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/342-0010



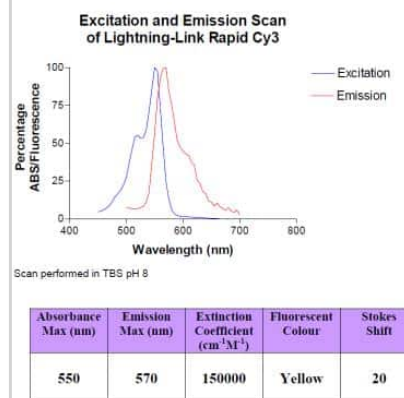
342-0010**Lightning-Link (R) Rapid Cy5 Antibody Labeling Kit**

Product Information	
Unit Size	3 x 100ug Reaction
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.
Conjugate	Cy5
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 (See protocol for further information).</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>Cyanine Dye 5 (Cy5) has a strong absorption peak at 652nm. The maximum emission peak is at 678nm, with an excitation coefficient of $2.5 \times 10^5 \text{ cm}^{-1}\text{M}^{-1}$. Cy5 can be used as an alternative to AlexaFluor 647, and the phycobiliprotein Allophycocyanin.</p> <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>
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>This product is manufactured by Abcam and distributed by Novus Biologicals.</p> <p>This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt and this statement overrides any mentioned guarantee period on the limitations section of this products datasheet. Please contact technical@novusbio.com with questions.</p>



Images

Lightning-Link Rapid Cy5 Antibody Labeling Kit [342-0010]



Publications

Avey D, Sankararaman S, Yim AKY et al. Single-Cell RNA-Seq Uncovers a Robust Transcriptional Response to Morphine by Glia Cell Reports 2018-09-25 [PMID: 30257220] (ELISA)

Thieme C, Abou-el-Enein M, Fritsche E, Anft M Detection of SARS-CoV-2 Specific Memory B cells to Delineate Long-Term COVID-19 Immunity Allergy 2021-03-25 [PMID: 33764510]

Katoh H, Komura D, Konishi H, et al. Immunogenetic Profiling for Gastric Cancers Identifies Sulfated Glycosaminoglycans as Major and Functional B Cell Antigens in Human Malignancies. Cell Rep. 2017-08-01 [PMID: 28768193]

Khairalla AS, Omer SA, Mahdavi J et al. Nuclear trafficking, histone cleavage and induction of apoptosis by the meningococcal App and MspA autotransporters. Cell Microbiol 2015-01-01 [PMID: 25600171]

Nikitina IG, Sabirova Elu, Solopova ON et al. A new immuno-PCR format for serological diagnosis of colon cancer. Mol Biol (Mosk) 2014-01-01 [PMID: 25842832] (IA)

Yuan S, Li Q, Zhang Y et al. Changes in Anti-thyroglobulin IgG Glycosylation Patterns in Hashimoto's Thyroiditis Patients. J Clin Endocrinol Metab 2014-01-01 [PMID: 25380293]

Schirwitz C, Loeffler FF, Felgenhauer T et al. Purification of High-Complexity Peptide Microarrays by Spatially Resolved Array Transfer to Gold-Coated Membranes. Adv Mater. 2013-01-01 [PMID: 23315653]

Buerger C, Richter B, Woth K et al. Interleukin-1 beta Interferes with Epidermal Homeostasis through Induction of Insulin Resistance: Implications for Psoriasis Pathogenesis. J Invest Dermatol 2012-01-01 [PMID: 22513786]

Stafford P, Halperin R, Legutki JB et al. Physical Characterization of the 'Immunosignaturing Effect. Mol Cell Proteomics 2012-01-01 [PMID: 22261726] (MiAr)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/342-0010

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

