

Product Datasheet

Thunder-Link (R) oligo Antibody Labeling Kit 420-0300

Unit Size: 3 Reactions

Store at 4C. Do not freeze.

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technical@novusbio.com

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420-0300**Thunder-Link (R) oligo Antibody Labeling Kit**

Product Information	
Unit Size	3 Reactions
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C. Do not freeze.
Buffer	
Product Description	
Description	<p>The next generation of immunoassay reagents are being engineered through linking oligonucleotides to antibodies. Immuno-PCR combines the specificity of antibodies with the amplification power of immuno-PCR allowing a 10 to 1000 fold increase in sensitivity. Antibody-oligonucleotide conjugates also have the potential to be the platform tool in multiplexed protein diagnostic assays.</p> <p>Using standard chemistry and methodology, the linking of an oligonucleotide to an antibody is difficult, time consuming and requires specialist knowledge. To overcome these issues the Thunder-Link oligo conjugation system has been designed for fast and easy generation of antibody oligonucleotide conjugates.</p> <p>Features:</p> <ul style="list-style-type: none"> • End user chooses oligo sequence and antibody. • Oligo sizes (HPLC purified) between 10-120 bases. • Amine group positioned at the 5' or 3'. • Positive control included. • All necessary components for a successful conjugation supplied. • Ideal for using conjugates in immuno-PCR.
Kit Components	4 glass vials of Thunder-Link Oligo Activation Reagent, 4 glass vials of Thunder-Link Antibody Activation Reagent, 1 vial of freeze dried control oligo, 1 vial of freeze dried control antibody, 8 separating columns, 1 x Thunder-Link Wash buffer (80ml or 160ml), 2 vials of Thunder-Link Conjugate Clean Up Reagent, 2 vials of Thunder-Link Antibody Suspension buffer
Notes	Thunder-Link® is a registered trademark of Expedeon Inc. and distributed by Novus Biologicals.



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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.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.

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