

# Product Datasheet

## Thunder-Link (R) oligo Antibody Labeling Kit 420-0000

Unit Size: 1 Reaction

Store at 4C. Do not freeze.

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**420-0000****Thunder-Link (R) oligo Antibody Labeling Kit**

<b>Product Information</b>	
<b>Unit Size</b>	1 Reaction
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Product Description</b>	
<b>Description</b>	<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><b>Features:</b></p> <ul style="list-style-type: none"> <li>• End user chooses oligo sequence and antibody.</li> <li>• Oligo sizes (HPLC purified) between 10-120 bases.</li> <li>• Amine group positioned at the 5' or 3'.</li> <li>• Positive control included.</li> <li>• All necessary components for a successful conjugation supplied.</li> <li>• Ideal for using conjugates in immuno-PCR.</li> </ul>
<b>Kit Components</b>	2 glass vials of Thunder-Link Oligo Activation Reagent, 2 glass vials of Thunder-Link Antibody Activation Reagent, 1 vial of freeze dried control oligo, 1 vial of freeze dried control antibody, 4 separating columns, 1 x Thunder-Link Wash buffer (80ml or 160ml), 1 vial of Thunder-Link Conjugate Clean Up Reagent, 1 vial of Thunder-Link Antibody Suspension buffer
<b>Notes</b>	Thunder-Link® is a registered trademark of Expedeon Inc. and distributed by Novus Biologicals.



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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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