

Product Datasheet

Lightning-Link HRP Antibody Labeling Kit 701-0004

Unit Size: 1 Reaction (up to 20 mg)

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

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701-0004**Lightning-Link HRP Antibody Labeling Kit**

| Product Information | |
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| Unit Size | 1 Reaction (up to 20 mg) |
| 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 | HRP |
| Product Description | |
| Description | <p>Lightning-Link antibody labeling kits enable the direct labeling of antibodies, proteins, peptides or other biomolecules for use in R&D applications, drug discovery and the development of diagnostic kits.</p> <p>Our HRP antibody labeling kit enables the direct conjugation of Horseradish Peroxidase to any biomolecule with an available amine group. The researcher simply pipettes their antibody or other biomolecule into the vial of Lightning-Link HRP and incubates for 3 hours.</p> <p>Features/Benefits 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>Horseradish peroxidase is a 44kDa glycoprotein with 6 lysine residues. The enzyme label can be visualized by chromogenic reactions; for example diaminobenzidine (DAB) in the presence of hydrogen peroxide (H₂O₂) is converted in to a water insoluble brown pigment. Other substrates which can be used to measure horseradish peroxidase activity include ABTS, TMB and TMBUS.</p> <p>Popular conjugates applications:</p> <ol style="list-style-type: none"> 1. Western Blot 2. Immunohistochemistry 3. ELISA |
| Kit Components | 1 or 3 or 5 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! Fluorescent Labels Poster Antibody Labeling Guide Antibody Purification Guide Lightning Link® is a registered trademark of Innova Biosciences. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, Immunohistochemistry-Paraffin |



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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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