

# Product Datasheet

## Biotin Check&Go! Control Kit

### 4001-0030

Unit Size: 30 Tests

Storage of components varies. See protocol for specific instructions.

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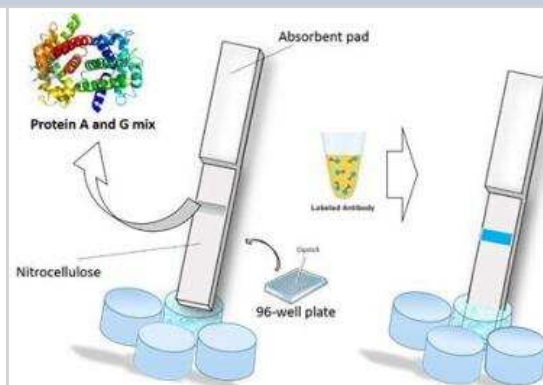


**4001-0030****Biotin Check&Go! Control Kit**

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 30 Tests  |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.  |
| <b>Storage</b>                     | Storage of components varies. See protocol for specific instructions.   |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | <p>Biotin Check&amp;Go! allows scientists to confirm the success of their antibody biotinylation in one easy step.</p> <p>Unlike traditional methods of assessing the success of biotinylation, such as the HABA assay, which can be tedious and time consuming, Biotin Check&amp;Go! is a simple immunochromatography test that requires only 10 minutes of your time and very small quantities of your antibody conjugate.</p> <p>The key components of the kit include a nitrocellulose membrane containing a Test line of immobilized Protein A and Protein G, both which have a high affinity for the Fc region of a variety of IgG molecules, and a 40nm InnovaCoat GOLD Streptavidin conjugate for detection.</p> <ul style="list-style-type: none"> <li>• Quickly check the success of your conjugation (only 10 minutes!)</li> <li>• Only takes 10 minutes!</li> <li>• No costly equipment required</li> <li>• Compatible with antibody conjugates generated using our Lightning-Link Biotin antibody labeling kits and other biotin labeling technologies available commercially</li> </ul> <p>Requires only small volumes (20ul of diluted conjugate)<br/>Unique to Expedeon</p> |
| <b>Kit Components</b>              | 30 Protein A/G Strips, 1 vial of 40 nm Innova Coat® GOLD Streptavidin, 1 vial of Positive Control, 2 cryovials of 10x Running Buffer, Not supplied: 96-wells low binding plate Bovine serum albumin (BSA)   |
| <b>Notes</b>                       | <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 <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> with questions.</p>   |
| <b>Product Application Details</b> |   |
| <b>Application Notes</b>           | This product is suitable for use with Lightning-Link Biotin antibody labeling kits as well as other biotinylation technologies.   |

## Images

Antibody Labeling Kit [4001-0030] - When the biotinylated antibody is mixed with the streptavidin-gold conjugate it forms a complex that flows along the nitrocellulose membrane. Upon binding to the Protein A and Protein G concentrated on the Test line, a visible red line appears on the strip.



## Publications

Sharma P, Diergaarde B, Ferrone S et al. Melanoma cell-derived exosomes in plasma of melanoma patients suppress functions of immune effector cells Sci Rep 2020-01-09 [PMID: 31919420]



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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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