

# Product Datasheet

## Antibody Labeling Confirmation Control Kit 4000-0030

Unit Size: 30 Tests

Storage of components varies. See protocol for specific instructions.

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**4000-0030****Antibody Labeling Confirmation Control Kit****Product Information**

<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.

**Product Description**

<b>Description</b>	<p>Antibody Labeling Confirmation is a quick chromatography test that allows you to confirm successful conjugation of your antibody.</p> <p><b>Features and Benefits</b></p> <ol style="list-style-type: none"> <li>1. Quickly check the success of your conjugation (only 10 minutes!)</li> <li>2. Easy to use</li> <li>3. No costly equipment required</li> <li>4. Compatible with antibody conjugates generated using our <b>Lightning-Link fluorescent labeling kits</b> and our <b>InnovaCoat GOLD and LATEX conjugation kits</b></li> <li>5. Compatible with any other conjugation technology that uses colored labels</li> <li>6. Requires only small volumes (40ul of diluted conjugate)</li> </ol> <p><b>Checking your InnovaCoat GOLD conjugation</b> Gold conjugate concentration is expressed in Optical Density (OD); for instance, a mini vial of InnovaCoat GOLD conjugation kit contains 50ul of 20 OD gold conjugate. The OD can be checked at specific wavelengths according to the gold nanoparticle size, using an UV-vis spectrophotometer.</p> <p>Our Antibody Labeling Confirmation strips allow the researcher to visualize InnovaCoat GOLD conjugates at different ODs. In addition, gold conjugates made from different sources of gold can be tested on the strips (i.e. passively conjugated gold nanoparticles and other nanogold conjugation kits). The same OD range applies according to the gold nanoparticle size.</p> <p><b>Checking your Latex conjugation</b> The concentration of latex conjugates is expressed in % solids (w/v); for instance, a mini vial of LATEX Conjugation kit contains 40ul of 1% latex conjugate. Our Antibody Labeling Confirmation strips allow the researcher to visualize latex conjugates at different concentrations of latex.</p> <p>All our latex beads -Blue, Black and Red- have been tested using our Antibody Labeling Confirmation (see figure below). In addition, conjugates generated from different sources of latex can be tested on the strips (the same concentration range applies). We recommend to use latex-conjugates in a range comprised between 0.02-0.004%.</p> <p><b>Checking your Lightning-Link conjugation</b> The concentration of conjugates produced using Lightning-Link reflects the starting concentration of the antibody. The Antibody Labeling Confirmation strips allow visualization of conjugates generated using our Lightning-Link fluorescent dyes and proteins at different concentrations of antibody. However, enzymes cannot be detected on these strips. Antibody conjugates produced using other antibody labeling technologies can also be tested as long as the colored label is bright enough to be visible on the strips.</p>
<b>Kit Components</b>	30 Conjugate Check&Go! strips, 1 vial of Positive Control, 1 bottle of 10x Running Buffer, Not supplied: 96-wells low binding plate and 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>

## Product Application Details

### Application Notes

This kit is suitable for use with InnovaCoat GOLD Conjugation Kits, colloidal gold, and Latex Conjugation Kits, as well as most of the fluorescent Lightning-Link antibody labeling kits. The strips can also be used with antibody conjugates prepared using other labeling technologies, provided the label is suitable for running on a lateral flow strip and has sufficient color intensity.



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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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