

# Product Datasheet

## Magnetic Antibody Labeling Kit

### 1300-0010

Unit Size: 10 x 20ug Reaction

Store at 4C.

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**1300-0010****Magnetic Antibody Labeling Kit**

<b>Product Information</b>	
<b>Unit Size</b>	10 x 20ug 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.
<b>Product Description</b>	
<b>Description</b>	<p>The Magnetic Conjugation Kit allows one-step conjugation of antibodies, proteins and peptides (or any other biomolecule with an amine group) to specially treated magnetic particles without the need for extensive optimization of the conjugation reaction.</p> <p>Covalent attachment of antibodies to magnetic particles is ideal for immunoprecipitation experiments and provides a more stable alternative to non-covalent attachment of antibodies using protein A or protein G resin.</p> <p>The 0.5 um specially treated iron oxide magnetic particles offer you the right balance between high surface area and fast separation. The binding capacity of our magnetic particles is higher than other magnetic particles on the market and twice that of leading competitors. This allows you to reach the desired sensitivity with fewer particles and therefore minimizes the risk of unspecific binding.</p>
<b>Kit Components</b>	<p>Kit Contents&amp;lt;br&amp;gt;&amp;lt;br&amp;gt;</p> <p>3 or 10 Mini vials or 1 Midi vial of 500 nm (0.5 um) Magnetic Particles&amp;lt;br&amp;gt;</p> <p>(A Mini vial provides 25 ul 1% conjugated particles, and a Midi vial provides 250 ul 1% conjugate. The amount of conjugate needed is very much dependent on th</p>
<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>	Lightning-Link technology can also be used to label proteins, peptides and other biomolecules (See protocol for further information).

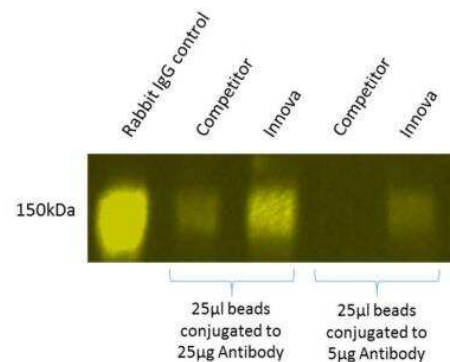


## Images

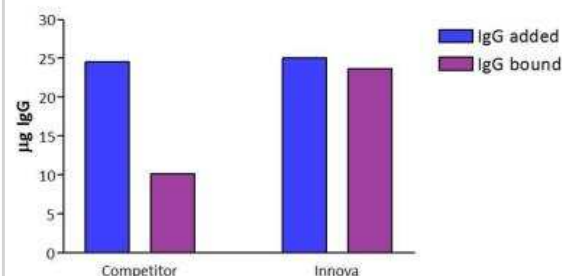
### Magnetic Antibody Labeling Kit [1300-0010]



**Immunoprecipitation: Magnetic Antibody Labeling Kit [1300-0010] - Rabbit IgG immunoprecipitation and detection by Western blot.** 25 ug and 5 ug Goat anti-rabbit antibody were added to each of two Mini vials of magnetic particles, and to 25 ul of 1% magnetic beads from a leading competitor, and processed as per the respective protocols. The conjugates were used to immunoprecipitate rabbit IgG from rabbit serum. The eluted samples were run by SDS-PAGE and analysed by Western blot against rabbit IgG.



**Magnetic Antibody Labeling Kit [1300-0010] - Magnetic Conjugation Kit binding capacity.** Goat anti-rabbit antibody was conjugated to 25 ul of 1% magnetic particles from the conjugation kit (1h procedure), and to magnetic particles from a leading competitor (4h procedure) as per the respective protocols. The quantity of IgG added to the magnetic particles, and the amount of unbound IgG at the end of the conjugation, were qualified by Bradford protein assay.





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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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