

# Product Datasheet

## AbSelect (TM) G Antibody Purification Kit 890-0005

Unit Size: 1 Test

Store at 4C.

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**890-0005****AbSelect (TM) G Antibody Purification Kit**

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 1 Test   |
| <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>Commercially available antibodies often contain substances (e.g. BSA, glycine, tris and azide) that interfere in labeling reactions with enzymes, biotin, streptavidin or fluorophores. The AbSelect G Purification System quickly removes these contaminants. It can also be used to purify antibodies from crude samples such as ascites fluid or immune serum. The antibody to be purified or cleaned up ideally is in a volume of 0.1 ml to 0.5 ml. Up to 500 ug of antibody can be purified in each run.</p> <p>The method involves capturing the antibody on the AbSelect Protein G resin. Protein G has a high affinity for the Fc regions of IgG molecules from a variety of species. Once the antibody has bound to the Protein G, unwanted substances can be removed by simply washing the resin. The purified product is then eluted and neutralized.</p> <p>The bSelect G Purification System is fully compatible with both the Lightning-Link and Lightning-Link Rapid conjugation systems (available separately), which allow the purified antibody to be immediately labeled with a hands-on time of under 30 seconds.</p> <p><b>Benefits:</b></p> <ul style="list-style-type: none"> <li>• All components and buffers supplied</li> <li>• Purify up to 20 mg of antibody from ascites fluid or serum</li> </ul> |
| <b>Kit Components</b>              | 1 or 3 vials of AbSelect Protein G resin, 1 vial of AbSelect G 10x Binding buffer, 1 vial of Washing buffer, 1 vial of Elution buffer, 1 vial of Neutralization buffer, 1 or 3 spin cartridge / collecting tube assemblies, 4 or 12 additional collecting tubes  |
| <b>Notes</b>                       | <p>AbSelect® is a registered trademark of 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>           | The volume of antibody to be purified or cleaned up should be 0.1-0.5ml, though larger volumes may be processed by first incubating the antibody sample (combined with Binding Buffer) with the Protein G resin in a larger vessel (e.g. 2ml eppendorf) prior to transferring to the spin cartridge in several aliquots, spinning down the excess liquid each time.  |



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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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