

# Product Datasheet

## Protein A - Agarose SP-0050-NB

Unit Size: 5 ml

Store at 4C. Do not freeze.

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**SP-0050-NB****Protein A - Agarose****Product Information**

<b>Unit Size</b>	5 ml
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Preservative</b>	0.08% Sodium Azide
<b>Buffer</b>	10 mM phosphate, pH 7.5, 0.15 M NaCl

**Product Description**

<b>Description</b>	<p><b>Features:</b></p> <p>Protein A, isolated from Staphylooccus aureus.  Matrix is heat stable, cross-linked 4% agarose beads with a molecular exclusion of about <math>2 \times 10^7</math> daltons.  Bead diameter ranges in size from 45-165 microns.  Matrix is stable in solutions at pH 3-11 as well as in many organic solvents.  Covalent attachment is stable and allows for maximum immunoglobulin binding capacity and ease of elution.  Product supplied as a 1:1 suspension in buffer.  Protein concentration is 2 mg/mL settled agarose beads.  Binding capacity exceeds 10 mg Human IgG per mL settled beads.</p>
<b>Notes</b>	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.

**Product Application Details**

<b>Application Notes</b>	Elution can generally be accomplished with several column volumes of 200 mM acetic acid. After use, wash the gel with several column volumes of PBS, then resuspend gel in PBS containing 0.08% sodium azide for storage.
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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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