DESCRIPTION
BioMag® Protein A is a suspension of BioMag® particles approximately 1.5µm in size, which are covalently coated with Protein A. The suspension is supplied in a phosphate buffered saline (pH 7.5) with BSA, EDTA, and sodium azide added. After shaking vigorously or vortexing, BioMag® Protein A is ready to use.

CHARACTERISTICS
Mean Diameter: ~1.5µm
Particle Concentration: 5 mg/mL
Binding Capacity: 1mL (5mg) of BioMag® Protein A will bind 0.2mg of rabbit IgG

PROCEDURE
Researchers are advised to optimize the use of BioMag® in any application as procedures designed by other manufacturers may not be ideal.

BioMag® Protein A is suitable for use in binding immunoglobulins, as an effective adsorbant for removal of Fc fragments during Fab fragment preparation, and in immunoassay systems. Quick and convenient separations are accomplished magnetically.

STORAGE AND STABILITY
Store at 2-8°C. Freezing, drying, or centrifuging BioMag® may result in irreversible aggregation and loss of binding activity. Centrifugation may be used only if it is the last step in a procedure such that resuspension of the BioMag® is not required.

SAFETY
This particle suspension contains sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation. Please consult the Material Safety Data Sheet for more information.

This product is for research use only and is not intended for use in humans or for in vitro diagnostic use.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Cat. Code</th>
<th>Description</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM554</td>
<td>BioMag® Protein A</td>
<td>2mL or 10mL</td>
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RELATED PRODUCTS

<table>
<thead>
<tr>
<th>Cat. Code</th>
<th>Description</th>
<th>Sizes</th>
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</thead>
<tbody>
<tr>
<td>BP620</td>
<td>BioMag®Plus Protein A</td>
<td>2mL or 10mL</td>
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<tr>
<td>BP614</td>
<td>BioMag®Plus Protein A Antibody Isolation Kit</td>
<td>1 kit</td>
</tr>
</tbody>
</table>

For more information regarding Protein A and the Protein A Antibody Isolation Kit, including additional binding capacities and a protocol, please refer to Product Data Sheet #620, BioMag®Plus Protein A or G & BioMag®Plus Protein A or G Antibody Isolation Kit.

Order online anytime at www.bangslabs.com.