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TECHNICAL DATA SHEET 551

BioMag[®] Streptavidin Particles

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Description

BioMag[®] Streptavidin is a suspension of magnetic particles (BioMag) approximately 1.8 μm in size to which Streptavidin is covalently attached to the surface. The suspension is supplied in phosphate buffered saline (pH 7.5) containing 0.1% BSA. EDTA and azide have been added as stabilizers. *After shaking vigorously, BioMag[®] Streptavidin Particles are ready to use.*

Storage and Stability

BioMag[®] Streptavidin Particles are stable when stored at 4°C. Freezing, drying or centrifuging BioMag results in extensive aggregation and loss of binding activity. **DO NOT FREEZE OR DRY THIS PRODUCT.** Centrifugation may be used only if it is the *last* step in a procedure such that resuspension of the BioMag is NOT required.

BioMag Concentration

5 mg/mL.

Binding Capacity

One mg (200 μl) of BioMag[®] Streptavidin Particles will bind $\geq 2.0 \mu\text{g}$ of biotin.

Application

BioMag[®] Streptavidin Particles may be used in enzyme immunoassays utilizing a biotinylated enzyme, in cell sorting, in DNA probe assays, or to quickly and conveniently separate a biotinylated component or complex from solution. *(If this product is to be used in cell separation, please request the booklet, "BioMag and Cell Sorting").* Separation is best accomplished magnetically. *Please inquire for further information on the BioMag separation device best suited to your application.*

Safety

BioMag[®] Streptavidin Particles contain sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. On disposal of material, flush with a large volume of water to prevent azide accumulation.

Cat. #	Description	Size
84660-5	BioMag [®] Streptavidin Particles	5ml
84660-50	BioMag [®] Streptavidin Particles	50ml

To Order:

In The U.S. Call: 1-800-523-2575 • 215-343-6484
In The U.S. FAX: 1-800-343-3291 • 215-343-0214

In Germany Call: (49) 6221-765767
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Order online anytime at www.polysciences.com

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Ordering Information:

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