

BioMag[®] Streptavidin

Description

BioMag Streptavidin is a suspension of BioMag particles approximately 1.5 μ m in size, which are covalently coated with streptavidin. The suspension is supplied in a phosphate buffered saline (pH 7.5) containing 0.1% BSA. EDTA and sodium azide have been added as stabilizers. After shaking vigorously, BioMag Streptavidin is ready to use.

Characteristics

Mean Diameter: ~1.5 μ m
Particle Concentration: 5 mg/ml
Binding Capacity: 1mg (200 μ l) of BioMag Streptavidin particles will bind 2 μ g of biotin.

Procedure

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

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. (For additional information on the use of this product in cell separation, please see Technical Data Sheet 528, *BioMag and Cell Sorting*.) Separation may be accomplished magnetically. Please inquire for further information on the BioMag separation device best suited to your application.

Storage and Stability

Store at 4°C. Freezing, drying, or centrifuging BioMag may result in irreversible aggregation and loss of binding activity.

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

Cat. # Number	Description	Size
84660-5	BioMag [®] Streptavidin	5ml
84660-50	BioMag [®] Streptavidin	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
In Germany FAX: (49) 6221-764620

Order online anytime at www.polysciences.com.