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B E A D S ● A B O V E T H E R E S T™

Description

BioMag Streptavidin is a suspension of BioMag particles approximately 1.5µm 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 with EDTA and sodium azide added. After shaking vigorously or vortexing, BioMag Streptavidin particles are ready to use.

Characteristics

Mean Diameter: ~1.5µm
Particle Concentration: 5mg/mL
Binding Capacity: 1mg (200µL) of BioMag Streptavidin particles will bind 2µg 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 Product Data Sheet 528, 'BioMag and Cell Sorting.')

Separation may be 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

Catalog Code	Description	Sizes
BM551	BioMag® Streptavidin	5mL or 50mL

Order online anytime at www.bangslabs.com.