

BioMag[®] Protein A

Catalog Number: 84600

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.

Table 1: Protein A Affinities for Polyclonal Antibodies from Various Species

Species	Affinity for Protein A
Rabbit, Guinea Pig	++++
Human, Pig	+++
Horse, Cow, Mouse	++
Sheep, Rat	+/-
Hamster	+
Goat, Chicken	-

ORDERING INFORMATION

Cat. #	Description	Size
84600-2	BioMag [®] Protein A	2ml
84600-10	BioMag [®] Protein A	10ml

Table 2: Protein A Affinities for Various Monoclonal Antibodies

Antibody	Affinity for Protein A
Human IgG, IgG2, IgG4	++++
Human IgG3	-
Rat IgG1, IgG2a, IgG2b	-
Rat IgG2c	+
Mouse IgG1	+
Mouse IgG2a	++++
Mouse IgG2b	+++

STORAGE AND SAFETY

Storage Store at 4°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 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 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.

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) 06201-845200
In Germany Fax: +(49) 06201-8452020

In Asia Call: (886) 2 8712 0600
In Asia Fax: (886) 2 8712 2677

Order online anytime at