

Magnetic Bioseparations

BioMag® Magnetic Particles provide increased surface area for increased binding capacity.



DESCRIPTION

BioMag® and BioMag®Plus are ~1.5µm high-performance superparamagnetic microparticles widely used for the efficient separation of cells and purification of biomolecules. The irregular shape of these silanized iron oxide clusters provides much greater surface area than similarly-sized spherical particles, resulting in high binding capacities and efficient capture of target with conservative use of particles. The high iron oxide content (>90%) allows for rapid and efficient magnetic separations, even from difficult, e.g. highly viscous, samples.

Product Options

To address the needs of different applications, we offer three BioMag particle types: BioMag®, BioMag®Plus, and BioMag® Maxi.

BioMag® and BioMag®Plus are ~1.5µm in diameter, with BioMag®Plus undergoing additional processing for reduction of fines. We offer carboxyl and amine versions, in addition to oligo(dT) and a variety of primary and secondary antibody and other affinity coatings.

BioMag® Maxi particles are larger, at ~3-12µm, and are available with carboxyl or amine surface groups for direct conjugation of antibodies or other ligands.

With such an extensive range of BioMag® particles and kits, we're sure to have a suitable product for your application.

BIOMAG® AND BIOMAG®PLUS SYSTEMS

Cat. #	Product Description
BM547	BioMag® Superparamagnetic Iron Oxide (~10µm)
BM546	BioMag® Amine
BM570	BioMag® Carboxyl
BM545	BioMag® Magnetic Immobilization Kit
BM554	BioMag® Protein A
BM553	BioMag® Protein G
BM551	BioMag® Streptavidin
BM568	BioMag® Streptavidin, Nuclease-free
BM563	BioMag® anti-Human IgG
BM562	BioMag® anti-Human IgG (Fc)
BM561	BioMag® anti-Human IgM
BM549	BioMag® anti-Mouse IgG
BM550	BioMag® anti-Mouse IgG (Fc)
BM558	BioMag® anti-Mouse IgM
BM559	BioMag® anti-Rabbit IgG
BM560	BioMag® anti-Rat IgG
BM548	BioMag® anti-Rat IgG (Fc)
BM557	BioMag® anti-Rat IgM
BM569	BioMag® mRNA Purification System

BIOMAG® AND BIOMAG®PLUS SYSTEMS

Cat. #	Product Description
BM529	BioMag® Oligo dT(20), Nuclease-free
BM595	BioMag® anti-Human CD2
BM581	BioMag® anti-Human CD4
BM583	BioMag® anti-Human CD8
BM596	BioMag® anti-Human CD11b
BM584	BioMag® anti-Human CD14
BM585	BioMag® anti-Human CD16
BM587	BioMag® anti-Human CD34
BM588	BioMag® anti-Human CD45
BM589	BioMag® anti-Human CD56
BM590	BioMag® anti-Human CD71
BM592	BioMag® anti-Mouse CD4
BM593	BioMag® anti-Mouse CD8a
BM594	BioMag® anti-Mouse CD45R
BM555	BioMag® Dextran-coated Charcoal
BM556	BioMag® Dextran-coated Charcoal Concentrate
BMM30	BioMag® Maxi Carboxyl
BMM40	BioMag® Maxi Amine
BP610	BioMag®Plus Amine Protein Coupling Kit
BP617	BioMag®Plus Amine
BP611	BioMag®Plus Carboxyl Protein Coupling Kit
BP618	BioMag®Plus Carboxyl
BP612	BioMag®Plus anti-Mouse IgG Antibody Coupling Kit
BP619	BioMag®Plus anti-Mouse IgG
BP614	BioMag®Plus Protein A Antibody Coupling Kit
BP620	BioMag®Plus Protein A
BP626	BioMag®Plus Protein G Antibody Isolation Kit
BP627	BioMag®Plus Protein G
BP621	BioMag®Plus Streptavidin/Biotin Binding Kit
BP628	BioMag®Plus Streptavidin
BP622	BioMag®Plus Mouse anti-Fluorescein IgG
BP530	BioMag®Plus Wheat Germ Agglutinin
BP531	BioMag®Plus Concanavalin A
BP658	BioMag® ProMax Albumin Removal Kit
BP659	BioMag® ProMax Serum IgG Removal Kit




Bangs Laboratories manufactures magnetic, polymeric and silica microsphere products setting the standards for diagnostic, research, and flow cytometry applications. No matter the project, we have a product that serves or we'll work to custom-design a solution to fit. And that's not the half of it.


We also stand behind our products. Regardless of the size of your question or the size of your company, we offer tech support, absolutely free.

Sound interesting? 

Visit: www.bangslabs.com

 [@particledoc](https://twitter.com/particledoc)

 info@bangslabs.com

 800.387.0672