



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

Description

BioMag and BioMagPlus 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 BioMagPlus are ~1.5µm in diameter, with BioMagPlus 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®

Cat. # Product Description

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| BM547 | BioMag® Superparamagnetic Iron Oxide (~10µm) |
| BM546 | BioMag® Amine |
| BM570 | BioMag® Carboxyl |
| BM545 | BioMag® Magnetic Immobilization Kit |
| BM552 | BioMag® Biotin |
| 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 |

BIOMAG® continued

Cat. # Product Description

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| BM560 | BioMag® anti-Rat IgG |
| BM548 | BioMag® anti-Rat IgG (Fc) |
| BM557 | BioMag® anti-Rat IgM |
| BM569 | BioMag® mRNA Purification System |
| BM529 | BioMag® Oligo dT(20), Nuclease-free |
| BM595 | BioMag® anti-Human CD2 |
| BM580 | BioMag® anti-Human CD3 |
| 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 |
| BM586 | BioMag® anti-Human CD19 |
| 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 |
| BM597 | BioMag® Human CD3+ T cell Enrichment System |
| BM598 | BioMag® Human CD4+ T cell Enrichment System |
| BM599 | BioMag® Human CD8+ T cell Enrichment System |
| BM555 | BioMag® Dextran-coated Charcoal |
| BM556 | BioMag® Dextran-coated Charcoal Concentrate |

BIOMAG® MAXI

Cat. # Product Description

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| BMM30 | BioMag® Maxi Carboxyl |
| BMM40 | BioMag® Maxi Amine |

BIOMAG®PLUS

Cat. # Product Description

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| 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 supplies a large variety of uniform 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.

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