THE CHOICE IS EASY. CHOOSE OUR **MAGNETIC PARTICLE SAMPLER PACK!**

Not all magnetic particle-based applications are the same, so why would the particles be? Fortunately, they're not! Our many magnetic particle products uniquely address a wide range of applications in the life sciences, including **molecular assays, immunoassays, suspension arrays, affinity purifications & cell isolations.** For development efforts, our Magnetic Particle Sampler Packs allow you to test different particles to find which yield optimal performance characteristics in your specific system. Choose from carboxylated or streptavidin coated Sampler Packs.

Magnefy™

Magnefy™ are encapsulated core-shell ~1µm magnetic particles with either a carboxylate-modified or Streptavidin (SA) coating that offer high surface area and high binding ability with a rapid uniform magnetic response profile. Magnefy™ are scaleable and automation-friendly. Magnefy offer a performance-driven solid phase for magnetic particle-based applications, including SPRI-based total DNA isolation (COOH), and molecular- and immunoassays.

BioMag®Plus

BioMag Plus are ~1.5µm high-performance superparamagnetic microparticles widely used in assays and for the efficient separation of cells and purification of proteins or other biomolecules. Their irregular morphology 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 allows for rapid and efficient magnetic separations, even from difficult, e.g. highly viscous, samples.

ProMag®

ProMag 1 Series microspheres from our original ProMag line offer high surface area, fast and uniform separations and a hydrophilic surface. They have been used in magnetic particle assays, and for precision isolations.

ProMag® HP

ProMag HP 3 Series microspheres have a highly optimized composition that offers superior handling and fast separation rates in addition to lowest autosignal, particularly with respect to chemiluminescence and exposed iron. They offer the most hydrophilic surface for low NSB and precise capture of target.

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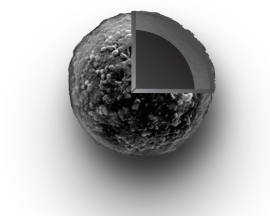
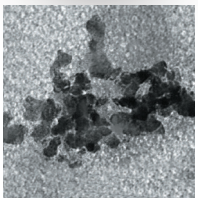
Bangs Laboratories, Inc.
BEADS ABOVE THE REST



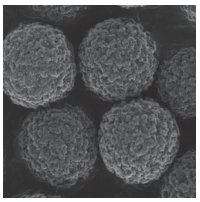
Magnefy®

Diameter:	~1µm
Matrix:	Polymer
Shape:	Spherical
Versions:	COOH, Streptavidin



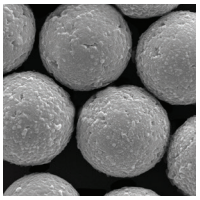
BioMag®

Diameters:	~1.5µm
Matrix:	Silanized iron oxide
Density (g/cm^3):	2.5
Shape:	Irregular, cluster
Versions:	COOH, Streptavidin



ProMag®

Diameters:	1µm
Matrix:	Polymer
Density (g/cm^3):	1.8
Shape:	Spherical
Versions:	COOH, Streptavidin



ProMag® HP

Diameters:	3µm
Matrix:	Polymer
Density (g/cm^3):	1.4 (3µm)
Shape:	Spherical
Versions:	COOH, Streptavidin

Please visit BangsLabs.com to see all magnetic particle and separator offerings.

MAGNETIC SAMPLER PACKS

Cat. #	Product Description
21940	Carboxyl Magnetic Sampler Pack (includes: MFY0002, Magnefy™ - 5mL (5% solids) PMC1N, ProMag Series 1 COOH - 5mL (2.5% solids) PMC3HP, ProMag HP 3µm COOH - 5mL (2.5% solids) BP618, BioMagPlus COOH - 5mL (20mg / mL)
21950	Streptavidin Magnetic Sampler Pack (includes: MFYS1N, Magnefy 1µm SA - 1mL (1% solids) PMS1N, ProMag 1 Series SA - 1mL (1% solids) PMS3HP, ProMag HP 3µm SA - 1mL (1% solids) BP628, BioMagPlus SA - 2mL (5mg / mL)

Bangs Laboratories, Inc.

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?

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Bangs Laboratories has been certified by American Management Technology, Inc. as having demonstrated that our Quality Management System complies with the requirements of both **ISO 9001:2008** and **ISO 13485:2016** for the manufacture, processing, and distribution of microspheres and related products.