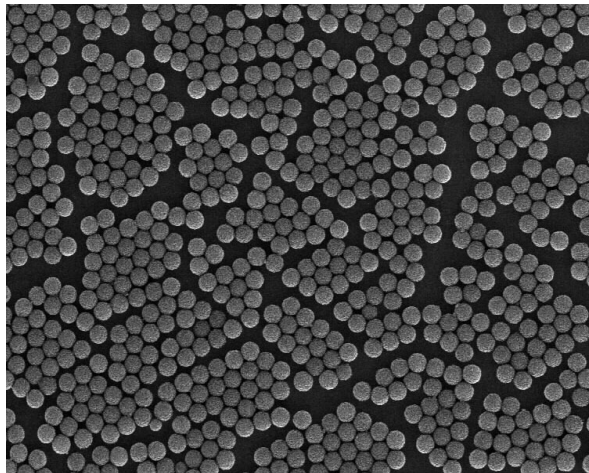


ProMag™ are suitable for use across a range of research and diagnostic applications: laboratory scale to high throughput.



ProMag™ Magnetic Spheres

Benefits

Superparamagnetic particles have been utilized extensively in diagnostic and other research applications for the capture of biomolecules and cells. They confer a number of benefits, including ease of separation and suitability for automation.

When coated with recognition molecules, magnetic microspheres are useful for the capture and separation of target. Unwanted sample constituents may be washed away following a simple magnetic separation step. Highly efficient magnetic separations eliminate potential interfering molecules, allowing sensitive detection of target.

ProMag superparamagnetic microspheres offer rapid separations and are easily redispersed in buffer upon removal of the magnet.

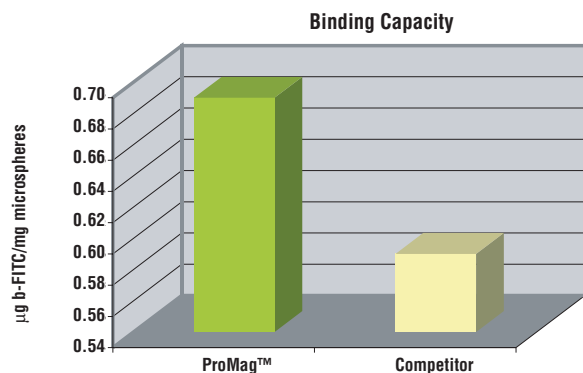
Characteristics

ProMag are 3µm polymer-based magnetic spheres that support diagnostic applications requiring highly uniform, high-binding beads and fast separation times. ProMag also have a proprietary surface to reduce nonspecific binding in protein-based systems, and they offer superior handling without the use of surfactant.

These high-binding beads are suitable for use across a range of research and diagnostic applications, whether you're working at laboratory scale or have the more stringent requirements of high throughput applications. For our OEM customers, ProMag will offer superior performance throughout the assay development process, and in your customers' hands.

High Binding Capacity

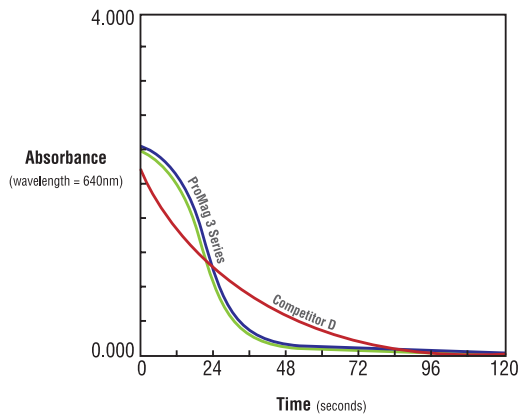
ProMag streptavidin exhibit high specific binding for immobilization or capture of biotinylated molecules.



Rapid Separation

ProMag microspheres offer rapid separation times, conferring real time savings, especially for automated assays.

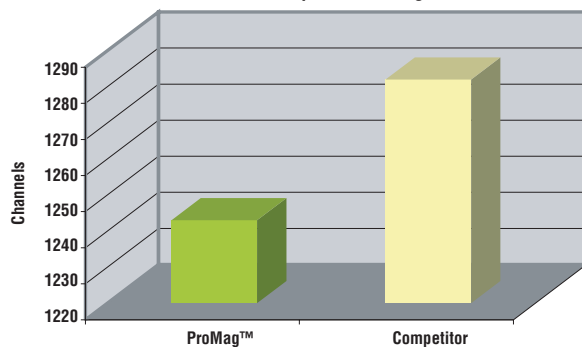
Magnetic Separation Rates



Low Nonspecific Binding

In comparison tests conducted on a LSRII flow cytometer, using IgG as a prototypic protein, ProMag microspheres exhibited very low nonspecific binding.

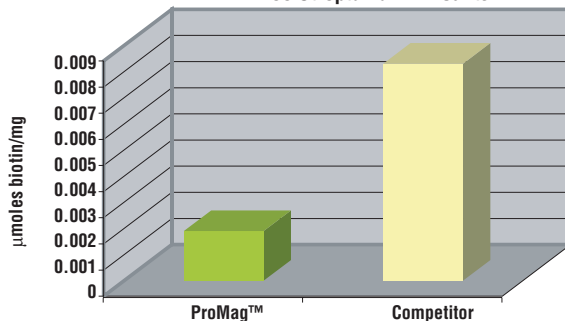
Nonspecific Binding Levels



Low Free Streptavidin Levels

Suspensions of streptavidin-coated ProMag contain only residual free streptavidin, minimizing competition with the beads for target.

Free Streptavidin Amounts



ProMag™. Revision 1.02

PROMAG™

Cat. # Product Description

PMC3N	ProMag™ 3 Series • COOH Surfactant-Free (10%)
PMS3N	ProMag™ 3 Series • Streptavidin (1%)

Bangs Laboratories, Inc.

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.

Sound interesting? Give us a call.



317.570.7020