

MAGNETIC SEPARATION REAGENTS

One of the best things about patents is that they expire, which is why BioPAL is able to bring you **BioMagic**[™], silane-coated magnetite particles made by the inventor and made the right way at the right price!

BioMagic is suitable for use in immunoassay, RNA separation, and cell sorting applications. Given our colloidal manufacturing experience and our low overhead, BioPAL is able to provide the **BioMagic** product-line at a substantial discount compared to competitive products.

Magnetic Particles

Amine-terminated **BioMagic** consists of a suspension of magnetic iron oxide particles coated to provide primary amine groups. The amine groups allow for the covalent attachment of proteins or ligands with retention of biological activity. The stoichiometry of the amine functional groups is about 240 $\mu\text{mol/g}$.

Catalog Number

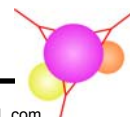
M-01Q10	BioMagic - Amino-terminated (10 ml) \$ 140.00 1.5 μm amine-terminated, magnetic iron oxide particles and are packaged in a 10 ml sealed serum bottle (50 mg/ml) suspended in distilled water/EDTA solution.
M-01Q100	BioMagic - Amino-terminated (100 ml) \$ 575.00 1.5 μm amine-terminated, magnetic iron oxide particles and are packaged in a 100 ml sealed serum bottle (50 mg/ml) suspended in distilled water/EDTA solution.

BioMagic immobilization kit consists of a suspension of amine-terminated, magnetic iron oxide particles, 25% solution of high purity glutaraldehyde, and instructions. To minimize the cost, reusable items, such as a reaction flask or a magnetic field separator, are not included in the kit.

M-01Q1K	BioMagic – Small Magnetic Immobilization Kit \$ 325.00 10 ml sealed serum bottle of amine-terminated, magnetic iron oxide particles and a 5 ml sealed serum bottle of EM grade glutaraldehyde (25% solution).
M-01Q2K	BioMagic - Large Magnetic Immobilization Kit \$ 580.00 20 ml sealed serum bottle of amine-terminated, magnetic iron oxide particles and a 5 ml sealed serum bottle of EM grade glutaraldehyde (25% solution).

BioPAL offers a line of **BioMagic** magnetic iron oxide particles for binding proteins and are approximately 1.5 μm in size. These products are ideally suited for use in radioimmunoassays, enzyme immunoassays and cell sorting.

M-02Q05	BioMagic – Biotin \$ 170.00 Biotin labeled particles are packaged in a 5 ml sealed serum bottle (5 mg/ml) suspended in phosphate buffered saline (pH 7.5) containing 0.1% BSA with EDTA and sodium azide added. One ml (5 mg) of BioMagic biotin will bind >0.3 mg of avidin.
M-03Q05	BioMagic – Streptavidin (5 ml) \$ 150.00 Streptavidin labeled particles are packaged in a 5 ml sealed serum bottle (5 mg/ml) suspended in phosphate buffered saline (pH 7.5) containing 0.1% BSA with EDTA and sodium azide added. One mg (200 μl) of BioMagic Streptavidin will bind up to 2.0 μg of biotin.
M-03Q50	BioMagic – Streptavidin (50 ml) \$ 700.00 Streptavidin labeled particles are packaged in a 50 ml sealed serum bottle (5 mg/ml) suspended in phosphate buffered saline (pH 7.5) containing 0.1% BSA with EDTA and sodium azide added. One mg (200 μl) of BioMagic Streptavidin will bind up to 2.0 μg of biotin.



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BioPAL offers a line of secondary antibody **BioMagic** magnetic iron oxide particles that are approximately 1.5 μm in size. These products are ideally suited for use as a second antibody in radioimmunoassays, enzyme immunoassays and cell sorting, which utilize an IgG primary monoclonal antibody.

Catalog Number

M-04Q50	BioMagic – Goat anti-Mouse IgG (50 ml) \$ 145.00 BioMagic Goat anti-Mouse IgG particles are packaged in a 50 ml serum bottle (1 mg/ml) suspended in phosphate buffered saline (pH 7.5) with EDTA and sodium azide added. One ml (1 μg) of BioMagic Goat anti-Mouse IgG will bind > 0.20 mg of mouse IgG.
M-04Q500	BioMagic – Goat anti-Mouse IgG (500 ml) \$ 575.00 BioMagic Goat anti-Mouse IgG particles are packaged in a 500 ml serum bottle (1 mg/ml) suspended in phosphate buffered saline (pH 7.5) with EDTA and sodium azide added. One ml (1 μg) of BioMagic Goat anti-Mouse IgG will bind > 0.20 mg of mouse IgG.
M-06Q50	BioMagic – Goat anti-Rabbit IgG (50 ml) \$ 145.00 BioMagic Goat anti-Rabbit IgG particles are packaged in a 50 ml serum bottle (1 mg/ml) suspended in phosphate buffered saline (pH 7.5) with EDTA and sodium azide added. One ml (1 μg) of BioMagic Goat anti-Rabbit IgG will bind > 0.10 mg of rabbit IgG.
M-06Q500	BioMagic – Goat anti-Rabbit IgG (500 ml) \$ 620.00 BioMagic Goat anti-Rabbit IgG particles are packaged in a 500 ml serum bottle (1 mg/ml) suspended in phosphate buffered saline (pH 7.5) with EDTA and sodium azide added. One ml (1 μg) of BioMagic Goat anti-Rabbit IgG will bind > 0.10 mg of rabbit IgG.

