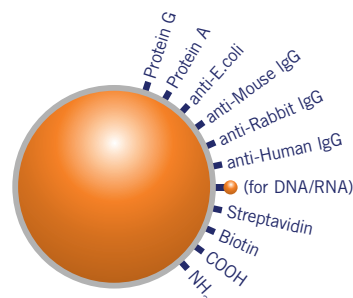


Antibody Purification and Screening with AbraMag® Magnetic Beads

Magnetic beads have multiple advantages over conventional methods of antibody purification and screening. Serum, ascites, and cell culture medium can be purified in either tube or microplate format. The unique AbraMag bead design enables higher binding capacity and purity.

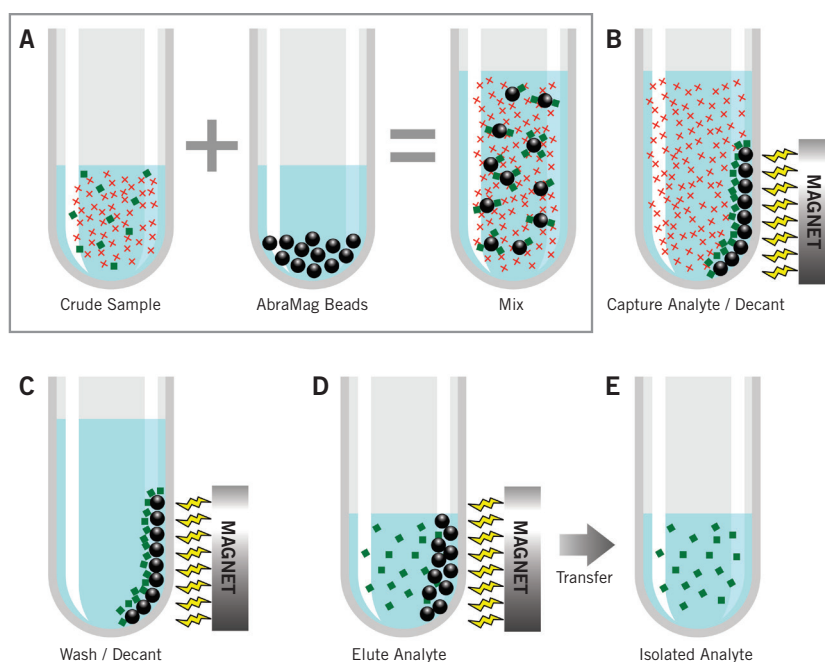


The beads are coated with:

- Anti-Human IgG
- Anti-Mouse IgG
- Anti-Rabbit IgG
- Protein A
- Protein G
- Streptavidin
- Biotin

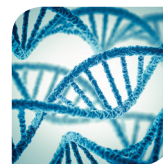
Better than columns or resins

- Just a few µl of beads are needed per sample
- Greater yield, greater purity
- No centrifugation
- Gentler: no shear forces
- No columns to clog
- Ideal for automation



AbraMag workflow: (A) Mix AbraMag beads (black spheres) with crude sample (red Xs) containing desired analyte (green squares); (B) capture analyte-bound beads with magnet; (C) wash away crude sample components; (D) elute analyte from beads; (E) transfer to new tube.

AbraMag® Products Available



Magnetic Beads	Size (mL)	Part Number
Amine Magnetic Beads, 2.5%	2, 5	544080, 544081
Carboxyl Magnetic Beads, 2.5%	2, 5	544085, 544086
Anti-Human IgG Magnetic Beads, 5 mg/mL	4, 20	544060, 544061
Anti-Mouse IgG Magnetic Beads, 5 mg/mL	4, 20	544020, 544021
Anti-Rabbit IgG Magnetic Beads, 5 mg/mL	4, 20	544010, 544011
Protein A Magnetic Beads, 5 mg/mL	2, 5	544030, 544031
Protein G Magnetic Beads, 5 mg/mL	2, 5	544040, 544041
Streptavidin Magnetic Beads, 5 mg/mL 2, 5	2, 5	544050, 544051
Biotin Magnetic Beads, 5 mg/mL	2, 5	544000, 544001
DNA Purification Magnetic Beads, 12 mg/ml	1	544090
Silica Magnetic Beads 75 mg/mL	1	544110
Silica Magnetic Beads, 25 mg/mL	250	544115

Sample sizes are custom bottling are also available

Magnetic Bead Purification Kits	Size (Samples)	Part Number
Protein A Magnetic Beads Purification Kit	20	555000
Protein G Magnetic Beads Purification Kit	20	555010
Genomic DNA Magnetic Purification Kit	100, 960	555020, 555045
Clean-Up and Size Select Magnetic Beads	5, 60, 450 mL	544100, 544103, 544106

Magnetic Separators	Part Number
Magnetic Separation System, (60 position), 12 X 75 mm tubes	472231
Microtiter Plate Separator, (96T), Side pull	472235
Microtiter Plate Separator, (96T), Bottom pull	472236
Flask Magnetic Separator	472240
Magnetic Separator, 6 X 50 ml tubes	472291
15/50 mL Tube Magnetic Separator	472250
Multi-6 Microcentrifuge Tube Magnetic Separator	472260
Solo Microcentrifuge Tube Magnetic Separator	472270
Multi-Purpose Magnetic Separator (15/50/microcentrifuge tube)	472280
Microcentrifuge Tube Magnetic Separator (32 position)	472287

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