

BioneerHealthier Future for
Humanity with
Genomic Technology

MagListo™ Protein G Kit

MagListo™ Protein G Kit uses magnetic nanobeads to purify antibody quickly and easily

Description

MagListo™ Protein G Kit consists of protein G magnetic nanobeads and buffer for antibody purification. Bioneer's protein G magnetic nanobeads are silica-coated magnetic particles further conjugated with highly pure protein G.

The nanobeads' 400 nm diameter in average provides a large surface area which gives high binding capacity, and their strong magnetic forces allow for short hands-on time as well as increase the yield of target molecules.

The protein G nanobeads specifically bind to antibodies and purify them to be used for further applications such as protein purification, immunoprecipitation, antibody-antigen interaction research, protein modification research, cell separation, and more.

Applications

Antibody purification, Antigen purification, Immunoprecipitation, Protein-protein interaction, and Cell separation

Experimental Data

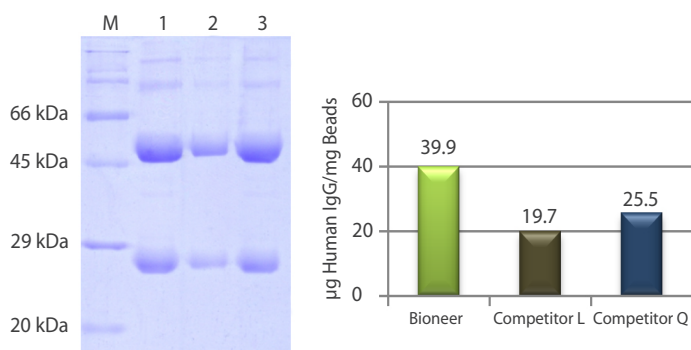


Fig.1. Comparison of protein binding efficiency of MagListo™ protein G Kit with a competitor

M: Protein size marker (Low) 1: Bioneer 2: Competitor L
3: Competitor Q

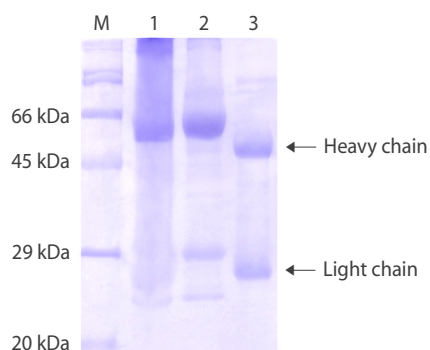


Fig.2. Purification of Human IgG with MagListo™ Protein G Kit

M: Protein marker (Low) W: Human whole blood
U: Unbound fraction E: Elution fraction

Specifications

Feature	Specification
Matrix	Silica-coated Fe ₃ O ₄
Concentration	40 mg/ml (4% suspension)
Binding capacity	> 30 µg Human Ig/mg beads

Ordering Information

Cat. no.	Product Description
K-7710	MagListo™ Protein G Kit, 1 x 1 ml

Related Products

Cat. no.	Product Description
TA-1021-1	AccuNanoBead™ Protein G Magnetic Nanobeads, size 400 nm, 40 mg/1 ml
TA-1021-2	AccuNanoBead™ Protein G Magnetic Nanobeads, size 400 nm, 200 mg/10 ml
TA-1021-3	AccuNanoBead™ Protein G Magnetic Nanobeads, size 400 nm, 500 mg/25 ml

MagListo™ Kits

Cat. no.	Product Description
K-3601SM / K-3601 / K-3600	MagListo™ 5M Plasmid Extraction Kit, 8 rxn / 100 rxn / 500 rxn (mini*)
K-3602 / K-3603	MagListo™ 5M Genomic DNA Extraction Kit, 8 rxn / 100 rxn (mini*)
K-3604 / K-3605	MagListo™ 5M Plant Genomic DNA Extraction kit, 8 rxn / 100 rxn (mini*)
K-3606 / K-3607	MagListo™ 5M Gel Extraction Kit, 8 rxn / 100 rxn (mini*)
K-3608 / K-3609	MagListo™ 5M PCR Purification Kit, 8 rxn / 100 rxn (mini*)
K-3610 / K-3611	MagListo™ 5M Cell Total RNA Extraction Kit, 8 rxn / 100 rxn (mini*)
K-3614 / K-3615	MagListo™ 5M Forensic Sample DNA Extraction Kit, 8 rxn / 100 rxn (mini)
K-7200	MagListo™ His-tagged Protein Purification Kit

* Protocols for Midi or Maxi size prep are available in a kit.

MagListo™ Magnetic Separation Racks

Cat. no.	Product Description
TM-1000	MagListo™ -8Ch Magnetic Separation Rack, 1 ml tube x 8 holes
TM-1010	MagListo™ -2 Magnetic Separation Rack, 2 ml tube x 8 holes
TM-1020	MagListo™ -15 Magnetic Separation Rack, 15 ml tube x 6 holes
TM-1030	MagListo™ -50 Magnetic Separation Rack, 50 ml tube x 3 holes
TM-1040	MagListo™ -96 Magnetic Separation Rack, For 96well plates
TM-1100	MagListo™ Magnetic Separation Rack Bundle Set, Each of MagListo™ -2, -15, -50, and -96 (4 racks)

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