

Antibody and Protein Purification Made Easy

GenScript offers versatile solutions for antibody and protein purification with affinity resins and magnetic beads, achieving exceptional purification results from small scale to large throughput while optimizing your time and labor resources.

Benefits of Magnetic Beads



Fast process



High binding capacity and recovery rate



No centrifugation



Cost-efficiency



| Antibody Purification Magnetic Bead | Binding Capacity (IgG/ml settled beads) | Features | Cat No |
|---|---|--|--------|
| AmMag™ Quatro Elite Protein A Magnetic Beads ^{NEW} | > 40 mg human IgG | Robust and upgraded performance | L01071 |
| AmMag™ Quatro Elite Protein A Magnetic Beads, 2Q ^{NEW} | > 35 mg human IgG | Alkali resistant to 1M NaOH | L01074 |
| AmMag™ Protein A Magnetic Beads | 40 mg human IgG | Alkali resistant, reuse up to 40 times | L00695 |
| Protein A MagBeads | > 10 mg human IgG | Economical | L00273 |
| Protein G MagBeads MX | > 25 mg human IgG | High binding capacity | L00673 |
| Protein G MagBeads | > 10 mg human IgG | Economical | L00274 |
| Protein A/G MagBeads | > 10 mg human IgG | Recommended for IP | L00277 |

| Protein Purification Magnetic Bead | Binding Capacity (per ml settled beads) | Features | Cat No |
|---------------------------------------|---|---|--------|
| AmMag™ Ni Magnetic Beads | > 10 mg 6x His-tagged protein | 100mM EDTA and 20mM DTT resistant 1M NaOH, reuse up to 100 times | L00776 |
| Ni-charged MagBeads | 40 mg 6xHis-tagged protein (27 kD) | High binding capacity | L00295 |
| MonoRab™ Anti-DYKDDDDK Magnetic Beads | > 1.5 mg protein (50KDa) | - | L00835 |
| Glutathione MagBeads | 20 - 30 mg GST | - | L00895 |
| Streptavidin MagBeads | > 60 nmol free biotin | - | L00936 |

Automated and Manual Magnetic Solutions



AmMag™ Quatro ProAb-1300 Automated Purification System

Up to **12** mini to midi samples
in 30 minutes

Full automation from incubation
to regeneration



Magnetic wand (L00778),
sleeve (L00779), **block** (L00827)
>50 ml



**AmMag MR Magnetic
racks** (L00723)
15-50 ml



**AmMag MR Mini Magnetic
racks** (L00722)
1.5-2 ml

Affinity Resins

Simple-to-use affinity purification resins allow for efficient, convenient and reliable batch/gravity purification of proteins and antibodies and are compatible with a variety of samples.



| Antibody Purification Resins | Ligand | Binding Capacity (per ml settled resin) | Cat No |
|--|----------------------------------|---|-----------------|
| Monofinity A Resin*, alkali resistant | Protein A | > 30 mg human IgG | L00433 |
| Monofinity A Resin Prepacked Column*, alkali resistant | | > 30 mg human IgG | L00433PREPACKED |
| Protein A Resin FF* | | > 40 mg human IgG | L00464 |
| Protein A Resin | | > 20 mg human IgG | L00210 |
| Protein A Resin FF* Prepacked Column | | > 40 mg human IgG | L00680 |
| Protein G Resin FF* | Protein G | > 20 mg human IgG | L00664 |
| Protein G Resin | | > 20 mg human IgG | L00209 |
| Protein G Resin FF* Prepacked Column | | > 20 mg human IgG | L00681 |
| Protein L Resin | Protein L | > 15 mg human IgG | L00239 |
| High-Affinity Iodoacetyl Resin | Derivative of Iodoacetic Acid | > 9 mg human IgG | L00403 |
| MonoRab™ Anti-Camelid VHH Affinity Resin | Anti-Camelid VHH Antibody, mAb | > 2 mg camelid VHH | L00905 |
| MonRab™ Anti-Humanized VHH Affinity Resin FF* | Anti-Humanized VHH Antibody, mAb | > 2 mg humanized VHH | L00951w |

| Tag | Protein Purification Resins | Ligand | Binding Capacity (per ml settled resin) | Cat No |
|----------|---|-----------------------------|---|----------|
| His | High Affinity Ni-Charged Resin FF* | Ni-NTA | > 45 mg His-tagged proteins | L00666 |
| | High Affinity Ni-Charged Resin | Ni-NTA | 45-60 mg His-tagged protein | L00223 |
| | Ni Resin FF* | Ni-IDA | > 40 mg His-tagged proteins | L00465 |
| | High Affinity Ni-Charged Resin FF* Prepacked Column | Ni-NTA | > 45 mg His-tagged proteins | L00683 |
| | Ni-IDA Resin FF* Prepacked Column | Ni-IDA | > 40 mg His-tagged proteins | L00684 |
| | Anti-His Affinity Resin | Ni-NTA | > 0.8 mg His-tagged proteins | L00439** |
| DYKDDDDK | Anti-DYKDDDDK G1 Affinity Resin | Mouse monoclonal antibody | 1.5 mg DYKDDDDK proteins | L00432 |
| | Anti-DYKDDDDK Resin Easy | Rat monoclonal antibody | 1 mg DYKDDDDK proteins | L00907** |
| | MonoRab™ Anti-DYKDDDDK Affinity Resin | Rabbit monoclonal antibody | 1.5 mg DYKDDDDK proteins | L00766 |
| GST | Glutathione Resin | Glutathione | 35-45 mg GST-fusion proteins | L00206 |
| | GST Fusion Protein Purification Kit | Glutathione | 35-45 mg GST-fusion proteins | L00207 |
| Biotin | Streptavidin Resin | Recombinant Streptavidin | > 120 nmol D-Biotin | L00353 |
| HA | Anti-HA IP Resin | Anti-HA monoclonal antibody | 1 mg HA-tagged protein | L00777** |

* For higher pressure and quick sample processing

** Recommended for IP



Endotoxin Detection Kits

Quantitative and qualitative solutions with sensitivity as low as 0.01 EU/ml.
Cat No L00350, L00351



Endotoxin Removal Kit

High binding capacity with over 2×10^6 EU/ml bringing endotoxin levels to as low as 0.1 EU/ml.
Cat No L00338



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