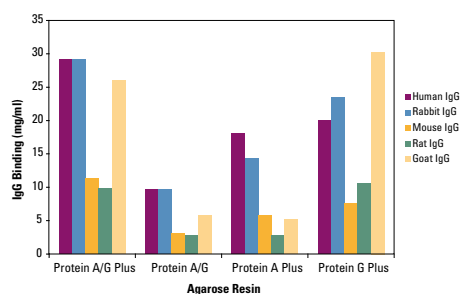


Protein Purification

Affinity purification - Antibodies



Comparison of Thermo Scientific Pierce Protein A/G Plus, Protein A/G, Protein A Plus and Protein G Plus agarose beads for IgG binding. Whole IgG molecules (40mg) from human, rabbit, mouse, rat and goat were incubated at room temperature for 1 hour with 100µL of agarose beads in a 1mL spin column (PN69725). Non-bound IgG was removed by centrifuging (2,000xg for 1min) and washing (phosphate buffered saline, (PN28372). Bound IgG was eluted (IgG elution buffer, PN21004), and the binding capacity was determined by measuring the absorbance (280nm) of collected samples.

Continuation

Protein A/G resins and kits, Thermo Scientific Pierce

Thermo
SCIENTIFIC

NEW

PN

Standard capacity

Catalogue No	Description	Quantity
PN20421	Protein A/G agarose Support: Crosslinked 6% beaded agarose Capacity: >7mg human IgG/mL resin	3mL
PN20422	Protein A/G agarose	15mL
PN89930	Pierce chromatography cartridges, Protein A/G Support and capacity: As above	2 x 1mL
PN89931	Pierce chromatography cartridges, Protein A/G	1 x 5mL
PN89954	NAb Protein A/G spin columns Support and capacity: As above	10 x 0.2mL
PN89958	NAb Protein A/G spin columns	5 x 1mL
PN89962	NAb Protein A/G spin columns	1 x 5mL
PN89950	NAb Protein A/G spin purification kit. Includes: Protein A/G spin columns, 10 x 0.2mL PBS binding buffer, 500mL IgG elution buffer, 50mL Neutralisation buffer, 7mL Collection tubes, 10 x 0.2mL	Kit
PN89980	NAb Protein A/G spin purification kit. Includes: Protein A/G spin columns, 2 x 1mL PBS binding buffer, 500mL IgG elution buffer, 240mL Neutralisation buffer, 7mL	Kit
PN53132	Protein A/G UltraLink resin Support: UltraLink Biosupport Capacity: >20mg of human IgG/mL resin	2mL
PN53133	Protein A/G UltraLink resin	10mL

High capacity (Plus)

Catalogue No	Description	Quantity
PN20423	Protein A/G Plus agarose Support: Crosslinked 6% beaded agarose Capacity: >50mg human IgG/mL resin	2mL
PN53135	Protein A/G Plus on UltraLink support Support: UltraLink Biosupport Capacity: >28mg human IgG/mL resin	2mL

Protein A/G HP SpinTrap buffer kit



NEW

GE

- Pre-made buffers optimised for the affinity-based enrichment of a target protein/immunoprecipitation using Protein A HP, Protein G HP, and Ab SpinTrap columns
- High quality buffers
- All buffer components listed and defined
- Convenient format - stock solutions can be diluted directly into the provided bottles for storage
- Eliminates time-consuming buffer preparation, which allows fast, reproducible protein enrichment

The buffers provided in the kit are optimised for standard affinity-based enrichment/immunoprecipitation according to the protocol provided with Protein A HP SpinTrap, Protein G HP SpinTrap, and Ab SpinTrap columns. The buffers supplied are sufficient for performing 16 reactions.

Technical Specification - Specific

10x binding/washing buffer (TBS)	0.5M Tris, 1.5M NaCl, pH7.5
Elution buffer (Classic)	2.5% acetic acid
10x elution buffer (Crosslink)	1M glycine-HCl, pH2.9
10x crosslink solution A	2M triethanolamine, pH8.9
10x crosslink solution B	1M ethanolamine, pH8.9

Catalogue No	Alt. No	Description	Quantity
GZ28913567	28-9135-67	Protein A/G HP SpinTrap buffer kit	1 kit