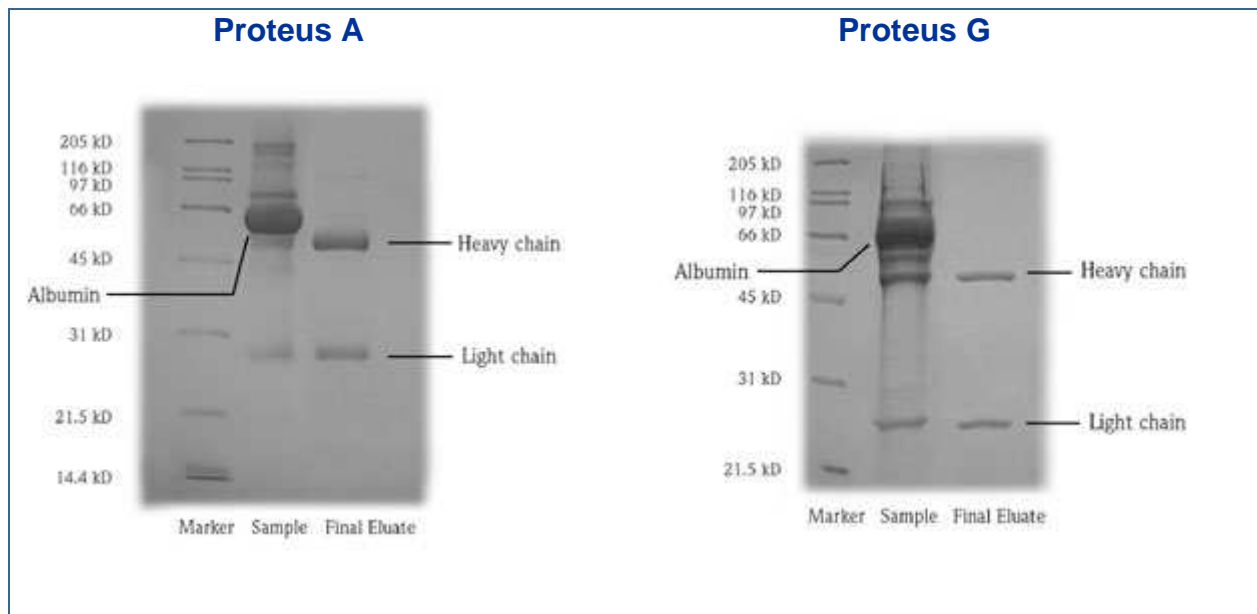


Proteus A & G Kits

Proteus A & G Kits

are designed for simple, rapid and multiple antibody purification from serum, ascites and tissue culture supernatant derived from static cultures and bioreactors.

Proteus purification kits incorporate convenient, ready to use, single step affinity spin columns, offering the researcher total protein purification solutions.



Reducing SDS-Polyacrylamide gel of human IgG purified from serum with the Proteus Protein A kit

Reducing SDS-Polyacrylamide gel of mouse IgG1 purified from cell culture supernatant (+ foetal calf serum) with the Proteus Protein G kit

Convenient and easy-to use

- ▶ Simply insert the pre-packed chromatography resin plug into the device and place it in the centrifuge.
- ▶ No mess, no filling columns, no attachment of accessories, no pumps and no lengthy equilibration
- ▶ Kits are supplied with a comprehensive technical and application-supported handbook, a step-wise laminated protocol card and all necessary buffers for rapid and simple antibody purification

Rapid

- ▶ The purification protocols provided in the operating handbook permit fast recovery of pure antibodies.
- ▶ Multiple samples can be processed at the same time, allowing rapid screening for antibody production.

Cost-effective

- ▶ Proteus spin columns can be used by any laboratory with access to a centrifuge.
- ▶ The Proteus columns are re-usable. Each Mini spin column can be used up to 3 times and each Midi spin column can be used up to 5 times.
- ▶ As research budgets are always under pressure, Proteus kits offer a cost-effective alternative.

High Performance

- ▶ Proteus chromatography spin columns will typically bind the target antibody with greater than 90 % recovery.
- ▶ Choice of both Protein A & G for complete coverage of antibody subclasses and host species.
- ▶ Antibodies are sufficiently pure for radiolabelling, conjugation or preparation of immuno-affinity columns, ELISA, and Western blots.

Binding Affinities of Protein A & Protein G

	Protein A	Protein G
Human IgG1	!!!!	!!!!
Human IgG2	!!!!	!!!!
Human IgG3	X	!!!!
Human IgG4	!!!!	!!!!
Human IgA	!!	X
Human IgD	!!	X
Human IgE	!!	X
Human IgM	!!	X
Mouse IgG1	!	!!
Mouse IgG2a	!!!!	!!!!
Mouse Ig2b	!!!	!!!
Mouse IgG3	!!	!!!
Rat IgG1	X	!
Rat IgG2a	X	!!!!
Rat IgG2b	X	!!
Rat IgG2c	!	!!

X = No affinity !!!! = Strong affinity

Ordering Information

Product Name	Cat.No
Mini Products	
Mini Protein A Kit (16 Units)	42003.01
Mini Protein G Kit (16 Units)	42006.01
Mini Protein A Bulk Pack * (48 Units)	42004.01
Mini Protein G Bulk Pack * (48 Units)	42007.01
Mini Protein A Sample Kit (2 Units)	42002.01
Mini Protein G Sample Kit (2 Units)	42005.01
Mini Protein A/G Starter Pack * (2 A & 2 G Spin Columns)	42001.01
Midi Products	
Midi Protein A Kit (4 Units)	42011.01
Midi Protein G Kit (4 Units)	42013.01
Midi Protein A Bulk Pack * (12 Units)	42012.01
Midi Protein G Bulk Pack * (12 Units)	42014.01
Accessories	
Protein A Buffer Pack	42041.01
Protein G Buffer Pack	42042.01
<i>Proteus A and B products are available through SERVA Electrophoresis GmbH in Germany and Austria, only</i>	

* does not include buffer