

Protein A 4FF column

Protein A 4FF (Fast Flow) is a highly cross-linked 4% agarose gel matrix that allows the purification of monoclonal and polyclonal antibodies at relatively high flow rates and is widely accepted by industrial customers.

Protein A FF is a versatile affinity chromatography medium for isolation and purification of monoclonal antibodies, polyclonal antibodies or Fc-fusion tags. Protein A is a cell wall protein isolated from *S. aureus* that binds mammalian IgG primarily through the Fc fragment but does not bind to dog IgG and does not bind human IgM, IgD and IgA. Protein A and protein G have different immunoglobulin binding abilities from different sources and subclasses. Natural Protein A has five IgG binding regions and some regions of unknown function. Recombinant protein A removes binding sites with albumin and cell surface and contains only five IgG binding regions, reducing non-specific adsorption.

Catalog No.	506012
Size	5 x 1mL / 1 x 5mL / 5 x 5mL
Product Category	Affinity Purification
Matrix	Highly Cross-Linked 4% Agarose Beads
Ligand	Recombinant Protein A
Binding Capacity	>40mg human IgG/ml
Bead Size	45-165um
Pressure/Flow	0.3 MPa, 3 bar
pH Stability	3-10
Storage Buffer	1x PBS containing 20% Ethanol
Storage/Stability	2-8°C/2 years

Shipping

Gel Packs

www.realgenelabs.com

For Research Use only