

Protein A Resin

Protein A Resin FF (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. The Protein A Resin 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.	508001
Size	5mL / 25mL
Product Category	Afiinity Purification
Matrix	Highly Cross-Linked 4% Agarose Beads
Ligand	Recombinant Protein A
Binding Capacity	? 25mg Human IgG / mL resin
Bead Size	90-150um
pH Stability	3-10
Storage Buffer	1x PBS containing 20% Ethanol
Storage/Stability	2-8°C/2 years
Shipping	Ambient