



## Protein G 4FF column

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Protein G 4FF (Fast Flow) is a Highly Cross-Linked 4% Agarose gel that allows the purification of monoclonal and polyclonal antibodies at relatively high flow rates.

Protein G FF is an affinity chromatography medium for the separation and purification of IgG. Protein G is a cell wall protein isolated from G Streptococci that binds to mammalian IgG via its Fc fragment . Recombinant protein G contains high affinity binding sites, reducing non-specific adsorption. Protein G and Protein A have different IgG binding properties. Compared with Protein A, Protein G has stronger binding ability to polyclonal antibodies such as cattle, sheep and horse. It can also bind rats that cannot bind well with Protein A. IgG, human IgG3 and mouse IgG1, the specific binding ability is shown.

Catalog No.	506022
Size	5 x 1mL / 1 x 5mL / 5 x 5mL
Product Category	Affinity Purification
Matrix	Highly Cross-Linked 4% Agarose Beads
Ligand	Recombinant Protein G
Binding Capacity	>30mg 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

