

Datasheet

Cat# NBGN-100106

Version# RN5.9



Product Name	NebuChem™ Fast Flow Protein A Resin (Column)
Size	1ml; 5ml; Bulk
Description	NebuChem™ Fast Flow Protein A Resin (Column)(CAT#NBGN-100106) is an affinity chromatography media designed for easy, one-step purification of classes, subclasses and fragments of immunoglobulins from biological fluids and from cell culture media. NebuChem™ Fast Flow Protein A Resin (Column)(CAT#NBGN-100106) can also be used for immunoprecipitation of proteins, protein complexes or antigens. The recombinant protein A ligand is coupled to 4% highly cross-linked agarose. The coupling is optimized to have a high binding capacity for immunoglobulins. The static binding capacity of NebuChem™ Fast Flow Protein A Resin (Column)(CAT#NBGN-100106) is greater than 40 mg human IgG/ ml settled resin. The dynamic binding capacity will vary depending on several factors such as target antibody, flow rate, etc.
Ligand	Recombinant Streptococcal protein A expressed in E.coli. There are 5 IgG binding sites per ligand.
MW of Ligand	~34kDa
PI of Ligand	5.17
Ligand/Resin Ratio	~5 mg protein A / ml settled resin
Binding Capacity	> 40 mg human IgG/ ml settled resin
Matrix	Agarose, 4% highly cross-linked
Average Particle Size	90µm (45-165µm)
Storage Solution	20% ethanol
Storage	2-8 °C; Freezing is prohibited
