

Datasheet

Cat# NBGN-100103

Version# RN5.9



Product Name	NebuChem™ Enhanced Protein A Resin
Size	25ml;200ml;1L;Bulk
Description	<p>NebuChem™ Enhanced Protein A Resin(CAT#NBGN-100103) is made of recombinant protein A as ligand, which not only keeps the specific binding capacity to Fc region of immunoglobulin molecules, but also enhances chemical stability under Cleaning-in-place (CIP) conditions. The typical dynamic binding capacity is more than 30 g human IgG/L settled resin. There is no significant decrease of binding capacity after purification/CIP for 200 cycles. In the meanwhile, the NebuChem™ Enhanced Protein A Resin(CAT#NBGN-100103) has a low leakage of ligand (< 15 ng ligand/mg IgG) over a number of purification/CIP cycles. As a high quality antibody purification resin, it is highly suitable for large scale antibody purification, and meets the purification requirements of industry-scale customers.</p>
Composition	Highly cross-linked 4% agarose
Average Particle Size	90µm
Ligand	Alkali-tolerant recombinant protein A (E.coli)
Dynamic binding capacity (DBC)	>30mg human IgG/ ml
Leakage	<15ng/ mg
Recommended flow rate	50 to 300 cm/ h
Chemical stability	Stable in all commonly used buffers
pH working range	ph3~12
CIP stability	0.1-0.5M NaOH