

MabAffinity rProtein L Agarose High Flow

Cat. No. Potein L-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MabAffinity Protein L Agarose High Flow Resin, with rProtein L coupled to high flow Agarose matrix, can capture a wide range of antibody and antibody fragments effectively due to its strong affinity to the variable region of antibody kappa light chains.
Cat.no	Potein L-001A
Form	Slurry in 20% Ethanol
Size	5 mL, 25 mL, 100 mL
Matrix	Highly cross-linked Agarose
Molecular Characterization	Recombinant Protein L has a mass of 36kDa
Average particle size	90 µm
Ligand	Protein L
Coupling chemistry	Epoxy
Dynamic binding capacity	>5-10 mg human IgG /ml media
Recommended flow	100-300cm/h

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rate	
Viscosity	Unused media can be stored in the container at a temperature of +4 to +8°C. Ensure that the screw top is fully tightened and keep container tightly closed in a dry and well-entilated place. Packed columns should be equilibrated in binding buffer containing 20% ethanol to prevent microbial growth. After storage, equilibrate with at least 5 bed volumes of starting buffer before use.
Recommended column height	5-20cm
pH working range	2-10
pH CIP range	2-11
CIP stability	8M Urea, 10mM NaOH + 1M NaCl, 0.1M acetic acid
Temperature Stability	2-40 °C
Elution buffer	100 mM glycine, 10 mM NaCl, pH 3.0
Shelf life	5 years
Warning	1. Determined at 10% breakthrough at 4min residence time 2. Delivered at room temperature, and recommended long-term storage at 2-8 °C