Chelating Agarose Fast Flow

Cat. No. Chelate FF-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Chelating agarose Fast Flow is a BioProcess IMAC medium, designed for purifying native and recombinant proteins and peptides that have an affinity for metal ions.
Cat.no	Chelate FF-001A
Characteristics	Chelating agarose Fast Flow is composed of cross-linked 6% agarose beads modified with iminodiacetic immobilized to the base matrix by stable ether linkages and sufficiently long spacer arms.Chelating agarose Fast Flow is supplied free of metal ions, allowing the user to charge it with the most appropriate metal ion for purification of a target protein.Chelating agarose Fast Flow is available in a range of different bulk pack sizes for easy scale-up and process development. As member of the BioProcess media range, Chelating agarose Fast Flow meets industrial demands with security of supply and comprehensive technical and regulatory support.
Size	50 mL
Matrix	Highly cross-linked agarose, 6%
Average particle size	90µm
Ligand	Iminodiacetic acid
Ligand concentration	30–37 µmol Cu2+/ml drainedmedium
Recommended flow	200-450 cm/h

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rate	
Recommended column height	5-20cm
Chemical stability	Stable in commonly used aqueous buffers - 1 M NaOH, 20% ethanol, 8 M guanidine hydrochloride, 8 M urea, 0.01 M HCl, non-ionic detergents, acetate buffer pH 4
pH working range	3-13
pH CIP range	2-14
Temperature Stability	4-30°C
Autoclavable	In 0.1 M sodium acetate at 121 °C for 30 min

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