Heparin Agarose HP Affinity Resin

Brochure

Immobilized heparin is used to purify native or recombinant proteins eg. enzymes such as lipases, plasma coagulation proteins, lipoproteins, growth factors, nucleic acid binding proteins such as transcription factors, DNA & RNA polymerase, hormone receptors, serine proteases inhibitors and extracellular matrix proteins such as fibronectin, laminin and collagens etc. Key Benefits include:

- Fast and reliable affinity purification.
- Highly stable 6% cross linked agarose with coupled Heparin ligand provides high buffer stability and broad compatibility.
- High binding capacity for growth factors and nucleic acid binding proteins.

Specification:

Specificity:	Heparin-Binding Proteins
Matrix:	6% cross linked agarose
Coupled Ligand:	Porcine Heparin
Binding capacity:	5 mg/ml
Bead size (High Performance):	20-50 µm (35 µm HP medium)
Flow Rate:	0.25-1 ml/min (optimum), 10 ml/min (max)
Maximum pressure:	72 psi
Buffer compatibility:	Common aqueous buffers from pH 3-12
Cleaning buffer examples:	1 M sodium acetate pH 4.0, 6 M guanidine-hydrochloride, organic solvents (e.g. 70% (v/v) ethanol), 1% (w/v) SDS, 0.1 M NaOH, or 0.1 M HCl
Shipping/delivery:	50% (v/v) resin suspension in 20% ethanol at ambient temperature
Storage:	Equilibration buffer (short-term) 20% ethanol at 2-8°C (long-term)

Ordering Information:

Product	Volume	Order Code
Heparin Agarose HP Resin (10 ml)	10 ml	Super-HEP-10
Heparin Agarose HP Resin (25 ml)	25 ml	Super-HEP-25
Heparin Agarose HP Resin (100 ml)	100 ml	Super-HEP-100
Heparin Agarose HP Resin (500 ml)	500 ml	Super-HEP-500

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