

Heparin methacrylic resin

Cat. No. Heparin-001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Heparin Agarose Beads is widely used in affinity purification. Various heparin-binding proteins and ligands, such as antithrombin III, DNA binding proteins and lipoproteins can be Heparin-beads. Creative's Heparin agarose is designed for excellent binding capacity and purity of protein-specific purifications.
Cat.no	Heparin-001M
Characteristics	Heparin is a linear and highly sulfated glycosaminoglycan which has anti-coagulant properties. Due to its polyanionic nature, heparin interacts with a wide range of biomolecules including plasma components, lipoprotein lipase, collagenase, and DNA polymerase. Immobilized heparin is widely used as an adsorbent in affinity chromatography for the purification of biological substances.
Form	suspension in 20% ethanol
Size	10 mL, 100 mL, 1 L, 10 L
Matrix	methacrylic polymer
Average particle size	50-150 µm
Ligand	Heparin
Dynamic binding capacity	≥ 5 mg Antithrombin III / mL

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Recommended flow rate	normally 60 – 600 cm/h
Recommended column height	5-20cm
pH working range	5-10
Temperature Stability	2-40 °C
Shelf life	10 years
Warning	Strong oxidizing agents

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