

Glutathione Agarose High Flow

Cat. No. GS-003A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Glutathione Agarose High Flow is an affinity chromatography medium for easy, one-step purification of glutathione S-transferase (GST) fusion proteins, other glutathione S-transferases and glutathione binding proteins.
Cat.no	GS-003A
Characteristics	Glutathione Agarose HP's performance characteristics include:1. Glutathione coupled to Sepharose High Performance, excellent for high resolution purification of GST-tagged proteins2. Easy one-step purification of GST-tagged proteins and other glutathione S-transferase or glutathionedependent proteins
Size	100 mL
Matrix	Highly cross-linked Agarose
Average particle size	90 µm
Ligand	Glutathione
Ligand concentration	120-320µmol glutathione/ml medium
Coupling chemistry	Epoxy
Dynamic binding capacity	11mg GST-tagged prtein/ml medium

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Recommended flow rate	Sample loading:<100cm>Washing and elution:100-300 cm/h
Recommended column height	5-20cm
Chemical stability	stable in 0.1 M acetate pH 4.0, 0.1 M NaOH, 70 % ethanol or 7 M guanidine hydrochloride for two hours at room temperaturenot autoclavable
pH working range	3-12
Temperature Stability	2-40 °C
Shelf life	5 years

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