

NHS Activated Agarose High Flow

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

SPECIFICATION

Product Overview	NHS Activated Agarose High Flow is a recently developed pre-activated agarose matrix that increases the choice of coupling chemistries available to these users. NHS (N-hydroxysuccinimide) coupling forms a chemically stable amide bond with ligands containing primary amino groups. NHS Activated Agarose High Flow provides a spacer arm and is therefore particularly suitable for immobilizing small protein and peptide ligands.
Cat.no	NHS-001A
Size	25 mL, 500 mL, 5 L
Matrix	Highly cross-linked 4% agarose, spherical
Functional group	N-hydroxysuccinimide (NHS)
Average particle size	90 µm
Ligand	N-hydroxysuccinimide (NHS) functional groups
Dynamic binding capacity	>30mg/mL (slurry) or >25mg/mL (dry resin)
Recommended flow rate	150cm/h at 100 kPa
Viscosity	Before storage we recommend to wash the column volumns with of 20% ethanol to

 Tel: 1-631-559-9269 1-516-512-3133

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prevent microbial growth. Store the column in 20% ethanol at +4-8°C.

Recommended column height	5-20cm
pH working range	3-13
pH CIP range	2-13
Temperature Stability	2-40 °C
Elution buffer	0.1 M glycine-HCl, pH 2.7

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