

DEAE Agarose fast flow

Cat. No. diethylaminoethyl-002A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEAE agarose Fast Flow is a weak anion exchanger based on the well established agarose Fast Flow ion exchange platform, extensively used for preparative protein separations in both research and industrial applications.
Cat.no	diethylaminoethyl-002A
Matrix	Cross-linked agarose, 6%
Ion exchange capacity	0.11–0.16 mmol/ml media
Functional group	diethylaminoethyl group:–O–CH ₂ CH ₂ –N ⁺ (C ₂ H ₅) ₂ H
Protein	diethylaminoethyl
Average particle size	45–165 μm
Ligand	Diethylaminoethyl
Dynamic binding capacity	0.11-0.16 mmol/ml media
Recommended flow rate	300-600 cm/h
Viscosity	Unused media can be stored in the container at +4 to +30°C. Ensure that the screw-

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top is fully tightened. Packed columns should be equilibrated in working buffer containing 20% ethanol to prevent microbial growth.

Recommended column height

5-20cm

Chemical stability

All commonly used aqueous buffers 1 M NaOH 8 M urea 6 M guanidine hydrochloride 70% ethanol

pH working range

2-12

pH CIP range

2-14

Temperature Stability

4-40 °C

Warning

Oxidizing agents Long exposures (1 week, 20°C) to pH <>

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