

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: $-O-CH_2CH_2-N^+(C_2H_5)_2H$
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-

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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 buffers1 M NaOH8 M urea6 M guanidine hydrochloride70% ethanol
pH working range	2-12
pH CIP range	2-14
Temperature Stability	4-40 °C
Warning	Oxidizing agentsLong exposures (1 week, 20°C) to pH<>

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