

## DEAE Agarose fast flow

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Chromatography technique</b>	Ion Exchange Chromatography
<b>Chemical stability</b>	Stable in common water-soluble buffers, such as: 8M urea, 6M guanidine hydrochloride, 70% ethanol, 30% isopropanol, 1M NaOH, 1M acetic acid, etc.
<b>Storage</b>	4 to 30°C, 20% Ethanol
<b>Matrix</b>	Cross-linked agarose, 6%
<b>Ion exchange capacity</b>	110-160µmolCl <sup>-</sup> /mL
<b>Functional group</b>	diethylaminoethyl group: -O-CH <sub>2</sub> CH <sub>2</sub> -N <sup>+</sup> (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> H
<b>Average particle size</b>	~90 µm
<b>Pressure/Flow Specification</b>	<0.3MPa
<b>Recommended flow rate</b>	<400cm/h

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<b>pH CIP range</b>	2-12
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<b>CIP stability</b>	2-14
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