

ECH Agarose 4B

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

SPECIFICATION

Product Overview	EAH agarose 4B is a pre-activated media for coupling of compounds with amino groups to agarose 4B via a 10-atom hydrophilic spacer arm by the epoxy coupling method.
Cat.no	ECH-001A
Characteristics	ECH agarose 4B is formed by covalent linkage of 6-aminohexanoic acid to agarose 4B using an epoxy coupling method. ECH agarose 4B has free carboxyl groups at the end of 10-atom spacer arms, which are used to couple ligands containing primary amino groups with the carbodiimide coupling method. The long hydrophilic spacer arm makes it particularly suitable for immobilization of small molecules.
Size	50 mL, 500 mL
Matrix	4% agarose
Functional group	Carboxyl group
Average particle size	90 µm
Ligand concentration	12–16 µmoles carboxyl groups/ml drained matrix
Chemical stability	Stable to all commonly used aqueous buffers
Physical stability	Negligible volume variation due to changes in pH or ionic strength.

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pH working range	3-14
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pH CIP range	3-14
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