

Epoxy-Activated Agarose

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

SPECIFICATION

Product Overview	Epoxy-activated agarose 6B is a pre-activated medium for immobilization of various ligands including sugars through coupling of hydroxy, amino or thiol groups on the ligand to agarose 6B via a 12-atom hydrophilic spacer arm. Epoxy-activated agarose 6B can be used to couple sugars and other carbohydrates via stable ether linkages to hydroxyl groups.
Cat.no	Epoxy-001A
Size	15 g
Matrix	Agarose, 6%
Functional group	Epoxy group
Average particle size	90 µm
Ligand concentration	19 to 40 µmole/ml drained medium
Recommended flow rate	100-200 cm/h
Viscosity	Freeze-dried Epoxy-activated agarose 6B should be stored below 8°C. Swollen coupled medium should be stored in a solution that maintains the stability of the ligand and contains a bacteriostatic agent, for example, 20% ethanol in a suitable buffer. Do not freeze.

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Chemical stability	Stable to all commonly used aqueous solutions. Can be used with non-ionic detergents, denaturing solvents, e.g. 8 M urea and 6 M guanidine hydrochloride, Stable in organic solvents, e.g. 50% dimethylformamide and 50% dioxane.
Physical stability	Negligible volume variation due to changes in pH or ionic strength.
pH working range	2-14
pH CIP range	2-14

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