DiagAg™ Epoxy Agarose Particles, 4% Crosslinked, 50-150 µm

Cat.No: DAG-24PA10-H

DESCRIPTION

Description	DiagAg™ Epoxy Agarose Particles, 4% Crosslinked, 50-150 µms can be used for the immobilisation of sugars and other carbohydrates via stable ether linkages with hydroxyl groups. They can also be used for the coupling of primary amine-containing, or thiol-containing molecules. No toxic chemical or special equipment is required. All the chemical bonds formed are very stable. They are useful in coupling both small molecules and very large molecules. This pre-activated agarose base matrix can be readily employed to make various custom affinity chromatography media for both small scale and large scale purification applications. The highly cross-linked 4% beaded agarose shows good mechanical rigidity allowing high flow throughput with reduced back pressure. It is useful for the coupling of protein molecules.

PRODUCT INFORMATION

Diameter	50-150 µm
Functional Group	Epoxy
Concentration	50% v/v
Matrix	4% agarose
Surface Group Density	>30 µmol epoxy/mL
pH Range	2-13 (ligand dependent)

STORAGE AND SHIPPING

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@cd-bioparticles.com
Tel: 1-631-633-6938 Fax: 1-631-938-8221

Storage Buffer	20% denatured ethanol
Stability	Compatible with all commonly used aqueous chemicals, provided the ligand to be coupled can withstand. Certain organic solvents could be used.
Storage	2-8°C. Do not freeze.

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