

Octyl Agarose Fast Flow

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

SPECIFICATION

Product Overview Octyl agarose Fast Flow is based on a 90 µm matrix. It has a different hydrophobic character from the phenyl and butyl ligands and is an important complement to the other hydrophobic matrices. The columns are used for small-scale protein purification as well as for screening of binding and elution conditions.

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Characteristics Provide convenient and fast small-scale protein purifications.1. Octyl agarose Fast Flow is a well-established, standard aliphatic HIC medium for capture and intermediate purification.2. Flexible design for use with syringes, single laboratory pump, or chromatography system.3. High flow rates and high capacities.4. Excellent and easy scale-up achieved by connecting several HiTrap columns in series or using HiPrep columns.

Form Slurry in 20% Ethanol

Size 5 mL

Column HiTrap

Average particle size 90 µm

Ligand Octyl

Ligand concentration 5 µmol/ml medium

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Chemical stability	Good chemical stability allows the use of the prepacked columns with most commonly used buffers and organic solvents, like for example 1 M NaOH, 70% ethanol, 30% isopropanol, 6 M GuHCl and 8 M urea. The compatibility with other solvents have been verified by conducting stability test for some of the media with 1 M acetic acid, 3 M (NH ₄) SO ₄ and 1 M HCl.
pH working range	3-13
pH CIP range	2-14
Temperature Stability	4-40 °C
Shelf life	minimum 5 years

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