

Phenyl Agarose Fast Flow

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

SPECIFICATION

Product Overview	Phenyl FF are prepacked Phenyl agarose 6 Fast Flow columns for hydrophobic interaction chromatography (HIC). The columns are used for small-scale protein purification as well as for screening of binding and elutions conditions.
Cat.no	Phenyl FF-001A
Characteristics	Phenyl agarose Fast Flow is a well-established, standard aromatic HIC medium for capture and intermediate purification requiring low to medium hydrophobicity which is based on a 90 µm matrix, making it ideal for initial and intermediate step purifications requiring a matrix with medium to high hydrophobicity. The availability of two degrees of substitution grades increases the possibility of finding the best selectivity and capacity for a given application.
Form	Slurry in 20% Ethanol
Size	5 mL
Column	HiTrap
Matrix	6% crosslinked agarose with spherical beads
Average particle size	90 µm
Ligand	Phenyl

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Ligand concentration	25-40 μ mol/ml medium
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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