

Butyl Agarose Fast Flow

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

SPECIFICATION

Product Overview	Butyl FF are prepacked Butyl agarose 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 elution conditions.
Cat.no	BUTYL FF-001A
Characteristics	Butyl agarose FF is based on a 90 µm matrix. It is intended for initial and intermediate step purifications requiring a matrix with low to medium hydrophobicity. Butyl agarose FF often works efficiently with rather low salt concentrations. The mechanism of adsorption and desorption onto the butyl ligand is different from that onto the phenyl ligand, giving a different selectivity.
Form	Slurry in 20% Ethanol
Size	5 mL
Column	HiTrap
Matrix	4% crosslinked agarose with spherical beads
Average particle size	90 µm
Ligand	Butyl
Ligand concentration	40 µmol/ml medium

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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