

HiTrap Butyl-S FF

Product Information

Cat#No# Hi-149P

Product Overview

HiTrap Butyl-S FF are prepacked Butyl-S Sepharose 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 elution conditions.

Characteristic

Provide convenient and fast small-scale protein purifications.

Butyl-S Sepharose 6 Fast Flow is well-established and is the least hydrophobic resin in the Sepharose Fast Flow HIC range.

Flexible design for use with syringes, single laboratory pump, or chromatography system.

High flow rates and high capacities.

Excellent and easy scale-up achieved by connecting several HiTrap columns in series or using HiPrep columns.

Applications

For screening of selectivity, binding and elution conditions, as well as small scale purifications.

Maximum operating pressure

5 bar [0.5 MPa] (70 psi)

Recommended flow rate

< 1 ml/min

Recommended column height

25 mm

Storage

4°C to 30°C, 20% Ethanol

Elution buffer

HiTrap Butyl-S FF

50 mM sodium phosphate, pH 7.0.

Cleaning-in-place

Precipitated proteins can be removed by washing with 5 CV 0.5 to 1.0 M NaOH followed by 5 to 10 CV water at a flow rate of 1 mL/min. Strongly bound substances can be removed by washing with 5 to 10 CV of up to 70% ethanol or 30% isopropanol.

Pack size

5 × 1 mL

Maximum flow velocity

4 mL/min

Dimensions

7 × 25 mm

Column i.d.

7 mm