

HiPrep Q FF

Product Information

Cat#No# Hi-206P

Product Overview

HiPrep Q FF is a strong anion exchanger prepacked with Q Sepharose Fast Flow, ready-to-use for fast, preparative separations of proteins and other biomolecules using ion exchange (IEX) chromatography.

Characteristic

HiPrep columns provide fast, reliable, and reproducible preparative ion exchange separations. Good flow rates and high capacity. The industry standard for ion exchange chromatography. Compatible with single-pump configurations and chromatography systems. Use a weak ion exchanger if the selectivity of a strong ion exchanger is insufficient.

Maximum operating pressure

1.5 bar [0.15 MPa] (22 psi)

Metal ion capacity

0.18 to 0.24 mmol Cl⁻ /mL resin

Matrix

Cross-linked agarose, 6%, spherical

Ionic Exchanger Type

Strong anion

Average particle size

~ 90 µm

Dynamic binding capacity

~ 42 mg BSA/mL resin

Recommended flow rate

< 300 cm/h

HiPrep Q FF

Recommended column height

100 mm

Chemical stability

Stable to commonly used aqueous buffers, 1.0 M NaOH, 8 M urea, 6 M guanidine hydrochloride, and 70% ethanol.

pH working range

2 to 12

CIP stability

2 to 14

Storage

4 to 30°C, 20% Ethanol

Pack size

20 mL

Dimensions

16 × 100 mm

Column volume

20 mL

Column i.d.

16 mm

Column hardware pressure limit

5 bar (0.5 MPa, 73 psi)

Functional group

-N⁺ (CH₃)₃
