

Weak Hydrophobic Interaction: C3 1500 and C3 3000

Hydrocell C3 1500

Protein Mixture

Column: 50 x 4.6 mm

Mobile Phase:

A: 2.5 M Ammonium Sulfate in Eluent B

B: 0.1 M Potassium Phosphate, pH 7.0

Gradient:

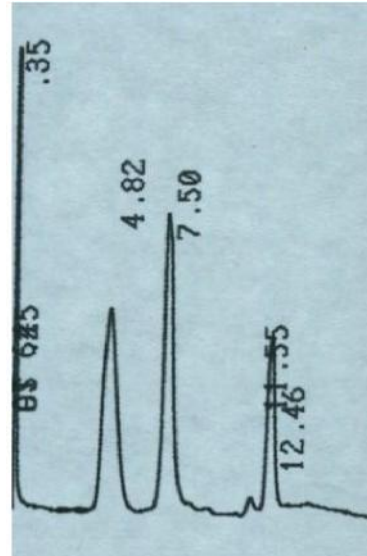
Linear 0-100% B in 20 minutes

Detection: UV 280 nm

Flow Rate: 1.0 mL/min.

Peak Identification:

1. Ribonuclease A
2. Lysozyme
3. Chymotrysinogen A



Hydrocell C3 3000

Protein Mixture

Column: 50 x 4.6 mm

Mobile Phase:

A: 2.5 M Ammonium Sulfate in Eluent B

B: 0.1 M Potassium Phosphate, pH 7.0

Gradient:

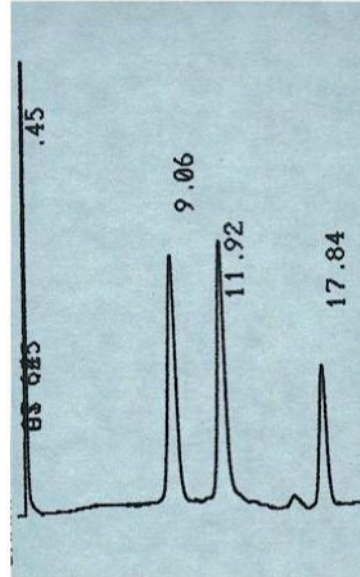
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HYDROCELL HIC Columns are available in both stainless steel and PEEK. Please refer to Ordering Information for available column size and catalog order number information.

The dynamic protein loading capacity determined by Frontal Uptake procedure are about 30 mg, 30 mg and 35 mg of lysozyme per mL of column volume on C3 1500, C4 1500 and Phenyl 1500, respectively. The practical loading capacity is about 0.4 - 0.6 mg of protein on a 50 x 4.6 mm column.