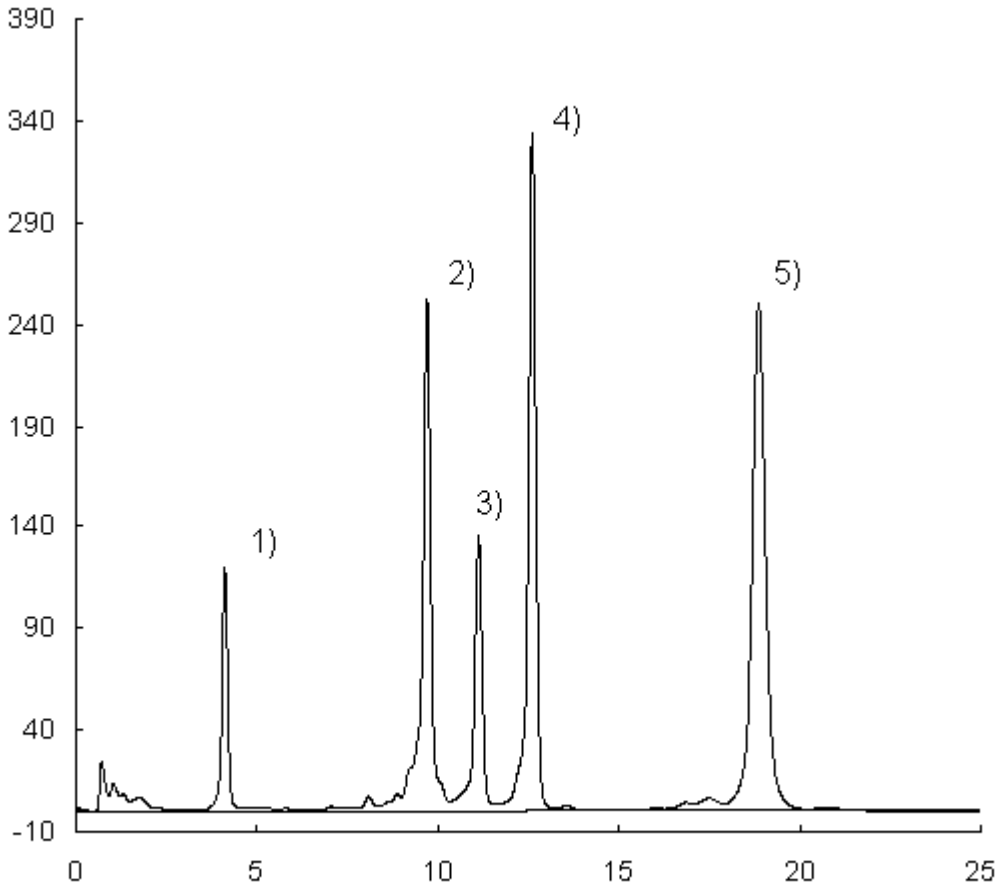
DATA CODE: G00146

Application Title:
Separation of standard proteins by cation-exchange chromatography

Compound:
1) Myoglobin; 2) alpha-Chymotrypsinogen A; 3) RNase A; 4) Cytochrome C; 5) Lysozyme



AUTHORIZED DISTRIBUTOR
MZ-Analysentechnik GmbH, Barcelona-Allee 17 • D-55129 Mainz
Tel +49 6131 880 96-0, Fax +49 6131 880 96-20
e-mail: info@mz-at.de, www.mz-at.de
ANALYSENTECHNIK

Chromatographic conditions

Column:	TSKgel BioAssist S , P/N 19686, 7 µm, 4.6 mm ID × 5 cm × 1
Mobile Phase:	A: 20 mmol/L Sodium Phosphate buffer (pH 6.5) B: 1.0 mol/L NaCl in 20 mmol/L Sodium Phosphate buffer (pH 6.5) Linear gradient from A to B for 32 min
Flow Rate:	0.8 mL/min
Detection:	UV/VIS @ 280 nm
Temperature:	10 °C
Injection Volume:	20 µL
Sample(s):	Standard protein mixture
Sample Load:	1) 1 g/L, 2) 2 g/L, 3) 4 g/L, 4) 2 g/L, 5) 2 g/L