

Data code:

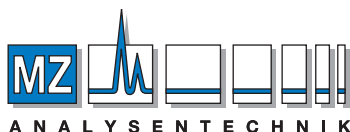
T00265

Application Title:

Separation of membrane protein by size-exclusion chromatography with different surfactant as eluent

Compound:

Membrane protein

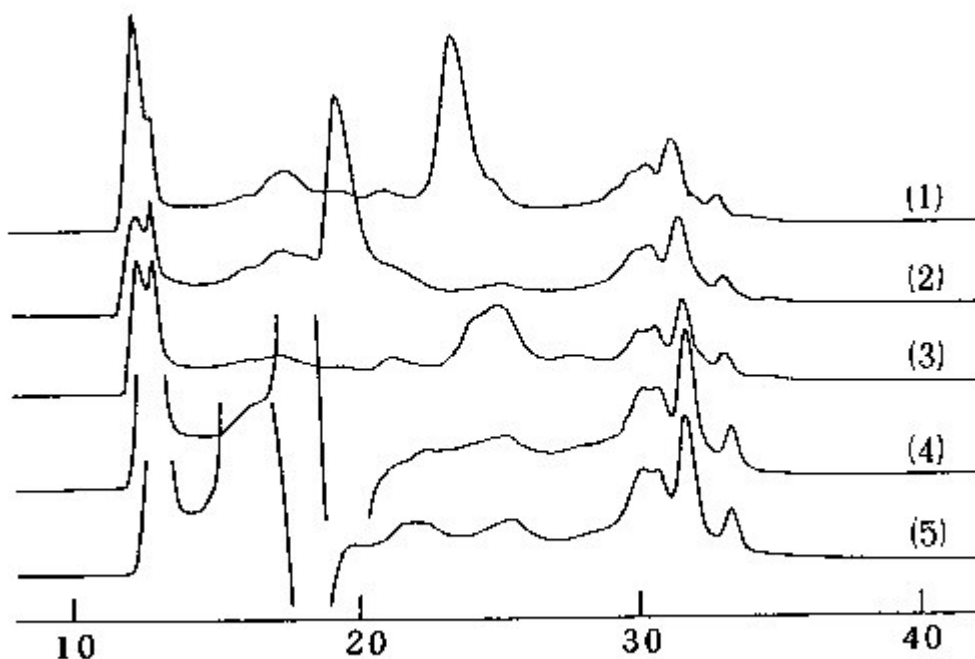


AUTHORIZED DISTRIBUTOR

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



Chromatographic conditions

Column: TSKgel G3000SW, P/N 05103, 10 μ m, 7.5 mm ID \times 60 cm \times 1
(0.2 mol/L sodium chloride + 20 % glycerol + surfactant) in 50 mmol/L phosphate buffer (pH 7.0)

Mobile Phase:

Flow Rate: 1 mL/min

Detection: UV/VIS @ 280, 246 nm

Sample(s): Crude extract from rat liver microsome

Reference: TOSOH Separation Report

Title: Separation of membrane protein on TSKgel

Number: 50

Page start: 2

Page end: 2

Surfactant in eluent:

Chromatogram (1) 1.2 % octylglucoside

Chromatogram (2) 0.05 % octaethyleneglycol dodecylether (C12E8)

Chromatogram (3) 1 % CHAPS

Chromatogram (4) 0.1 % Emargen-911

Chromatogram (5) 0.2 % Triton X-100