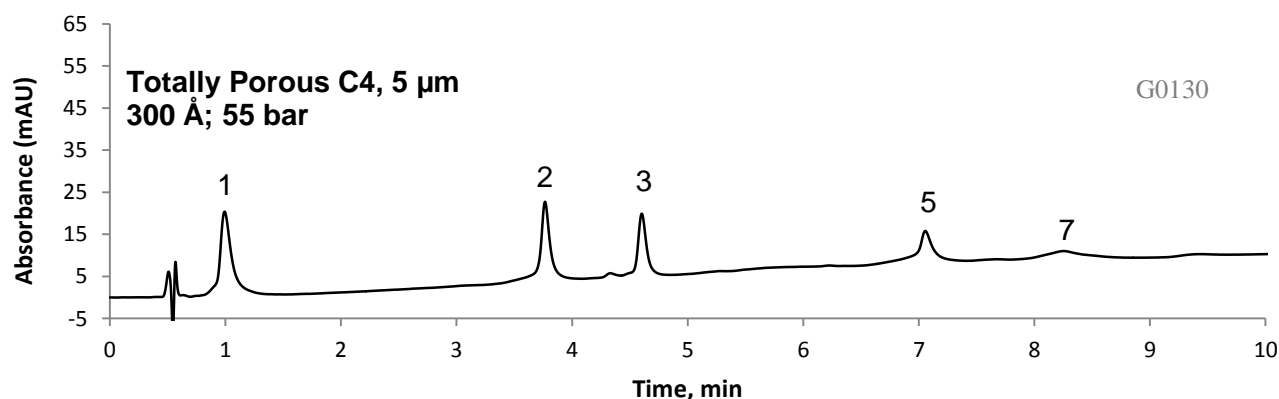
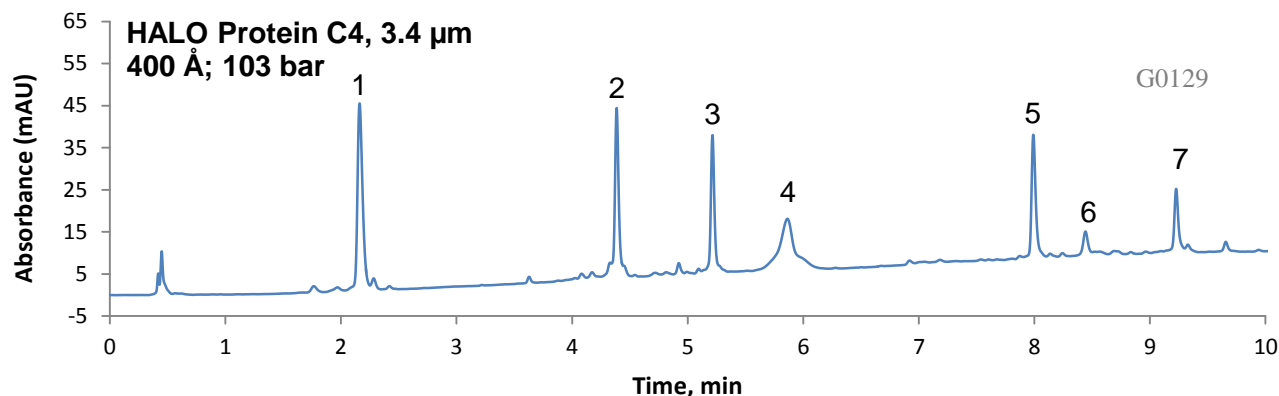


Improved Protein Separations with HALO Protein C4 Compared to Totally Porous C4



TEST CONDITIONS:

Columns:

HALO Protein C4, 2.1 x100 mm, 3.4 µm
Part Number: 93412-614

Totally Porous C4, 2.1 x100 mm, 5 µm

Mobile Phase:

A = water/0.1% TFA

B = acetonitrile/0.1% TFA

Flow Rate: 0.5 mL/min.

Gradient: 25% B to 52% B in 10 minutes

Starting pressure: As indicated on chart

Temperature: 60°C

Injection Volume: 1 µL

Sample Solvent: mobile phase A

Detection: UV 215 nm, PDA

Data Rate: 5 Hz

Response Time: 1 sec.

Flow Cell: 2 µL micro cell

LC System: Agilent 1200 SL

PEAK IDENTITIES:

1.	Ribonuclease A	13.7 kDa
2.	Cytochrome c	12.4 kDa
3.	Lysozyme	14.3 kDa
4.	Holotransferrin	77 kDa
5.	Apomyoglobin	17 kDa
6.	Catalase	tetramer of ~ 60 kDa each
7.	Enolase	46.7 kDa

Sharper, taller peaks are observed using the HALO Protein C4 column compared to a conventional totally porous C4 column. Additionally, the HALO Protein C4 column provides improved recoveries for holotransferrin, apomyoglobin, catalase, and enolase.