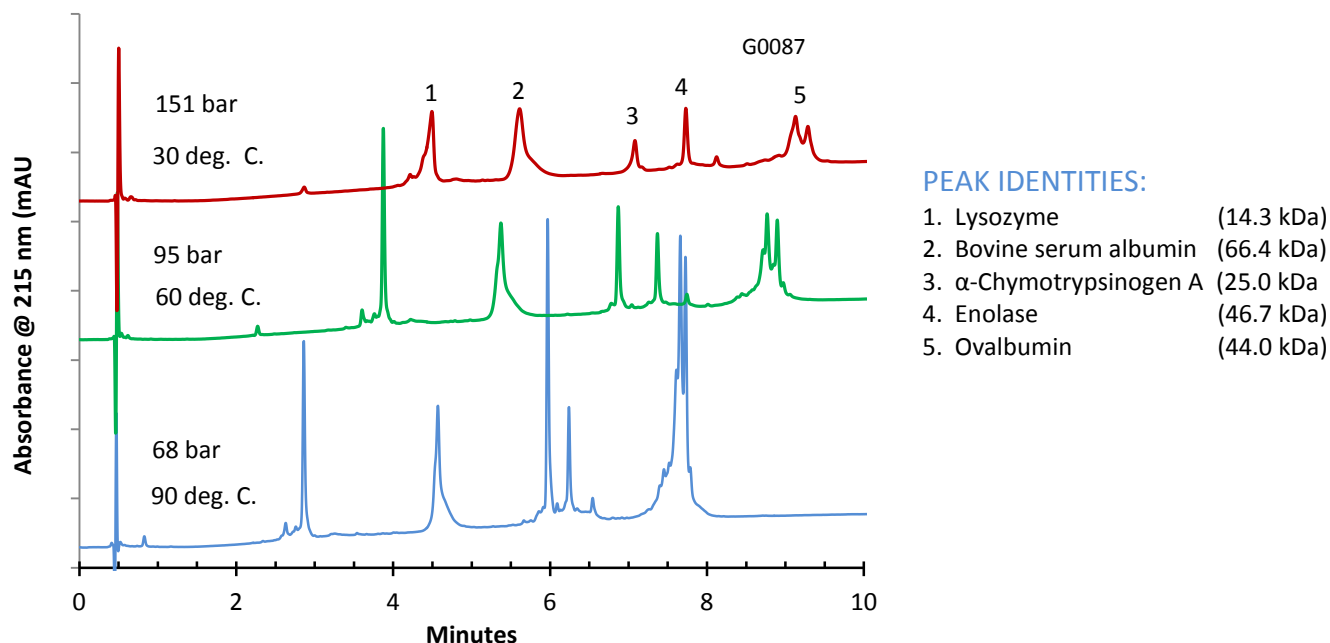


Effect of Temperature on the Separation of Proteins on HALO Protein C4, 400Å



TEST CONDITIONS:

Column: 2.1 x 100 mm, HALO Protein C4, 400Å
Part Number: 93412-614
Mobile Phase: 72/28: A/B
A= 0.1% Trifluoroacetic acid in water
B= 0.1% Trifluoroacetic acid in acetonitrile
Gradient: 28% B to 58% B in 10 minutes
Flow Rate: 0.45 mL/min.
Pressures: See chart
Temperatures: Various. See chart
Detection: UV 215 nm, PDA
Injection Volume: 2 μ L
Sample Solvent: Mobile phase A
Response Time: 1 sec.
Flow Cell: 2 μ L micro cell
LC System: Agilent 1200 SL
Gradient delay volume: ~ 250 μ L

These separations demonstrate the effect of elevated temperatures on the efficiency of protein separations done under reversed-phase conditions on a HALO Protein C4, 3.4 μ m, 400Å pore column. One observes larger and narrower peaks as the temperature increases. The HALO C4 phase has been shown to be very stable even at these elevated temperatures.