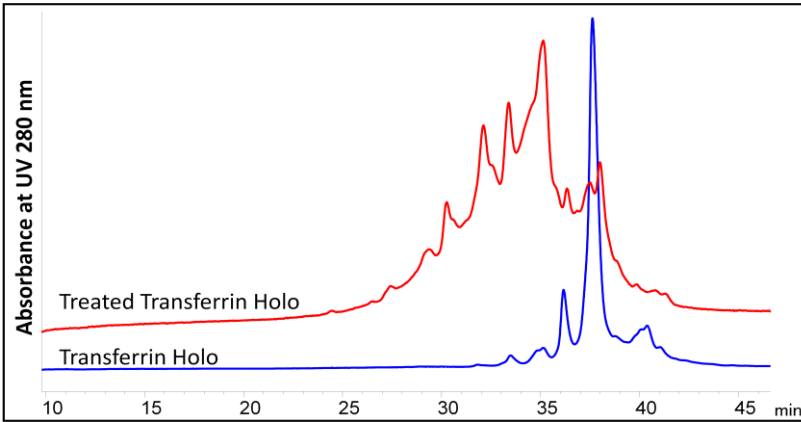


Analysis of Glycoproteins on Proteomix® SAX-NP10

Sepax offers a variety of solutions for the analysis of Glycosylated proteins. Sepax columns permit the analytical scale separation of glycoforms on IEX. Sepax's Proteomix SAX allows for high loading of Glycosylated proteins while still exhibiting good resolution.

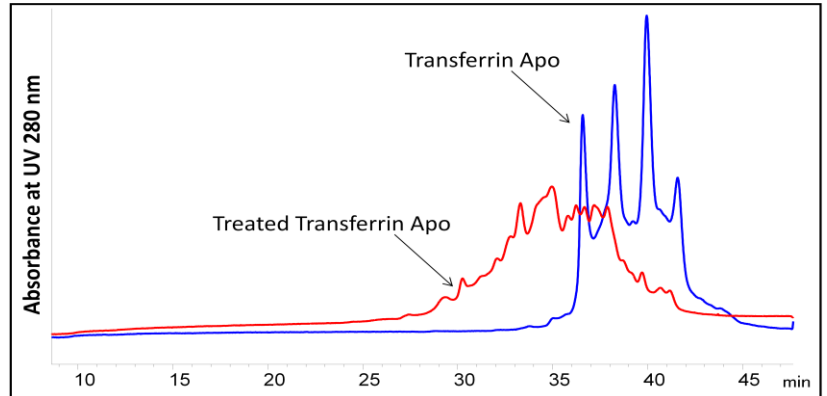
Analysis of Transferrin Holo (untreated and treated with Neuraminidase) on Proteomix® SAX-NP10



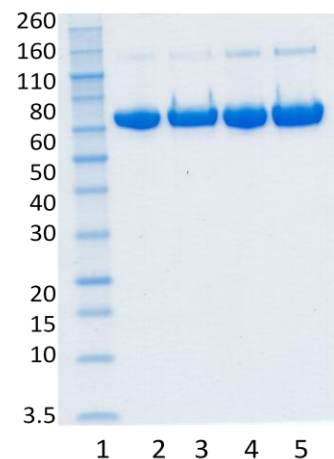
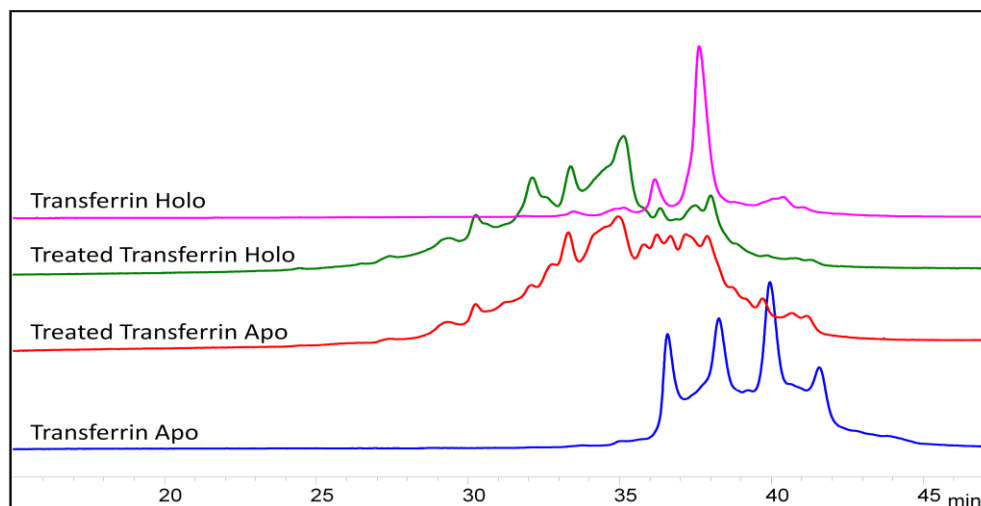
Column: Proteomix® SAX-NP10, 4.6 x 250 mm
 Flow rate: 1 mL/min
 Detection: UV 280 nm
 Sample: 50 µg of each untreated and neuraminidase treated transferrin Holo
 Mobile phase A: 150 mM Tris-HCl, pH 9.0
 B: A + 0.5 M NaCl
 Gradient: 0-20% B in 40 minutes

Analysis of Transferrin Apo (untreated and treated with Neuraminidase) on Proteomix® SAX-NP10

Column: Proteomix® SAX-NP10, 4.6 x 250 mm
 Flow rate: 1 mL/min
 Detection: UV 280 nm
 Sample: 50 µg of each untreated and neuraminidase treated transferrin Apo
 Mobile phase A: 150 mM Tris-HCl, pH 9.0
 B: A + 0.5 M NaCl
 Gradient: 0-20% B in 40 minutes



SDS Page Gel and Overlay of Transferrin Holo and Apo (treated and untreated) on Proteomix® SAX-NP10



Column: Proteomix® SAX-NP10, 4.6 x 250 mm, Flow rate: 1 mL/min, Detection: UV 280 nm, Sample: 50 µg of each untreated and neuraminidase treated transferrin Apo and transferrin Holo, Mobile phase A: 150 mM Tris-HCl, pH 9.0, B: A + 0.5 M NaCl, Gradient: 0-20% B in 40 minutes. On the SDS page gel, Pool 1 is the protein marker, Pool 2 is Transferrin Holo, Pool 3 is treated Transferrin Holo, Pool 4 is Transferrin Apo and Pool 5 is treated Transferrin Apo.

Transferrin Holo loading test on Proteomix® SAX-NP10

Column: Proteomix® SAX-NP10, 4.6 x 250 mm
Flow rate: 1 mL/min
Detection: UV 280 nm
Sample: 50 µg Transferrin Holo (10 mg/mL)
100 µg Transferrin Holo (10 mg/mL)
150 µg Transferrin Holo (10 mg/mL)
Mobile phase A: 150 mM Tris-HCl, pH 9.0
B: A + 0.5 M NaCl
Gradient: 0-20% B in 40 minutes

