

Sepax Proteomix[®] SAX IEX for Glycan and Carbohydrate separation

– part of your MAb workflow

Feature Highlights:

- Unprecedented high resolution
- Particle size choice of 1.7, 3, 5, 10 μm
- Non-porous particles with mono-dispersity and high capacity

What it means to you:

- More glycan isoforms separated
- Consistently performing columns from lot to lot



"Better Surface Chemistry for Better Separation."

Available from:

Winlab Pty Ltd in Australia and New Zealand

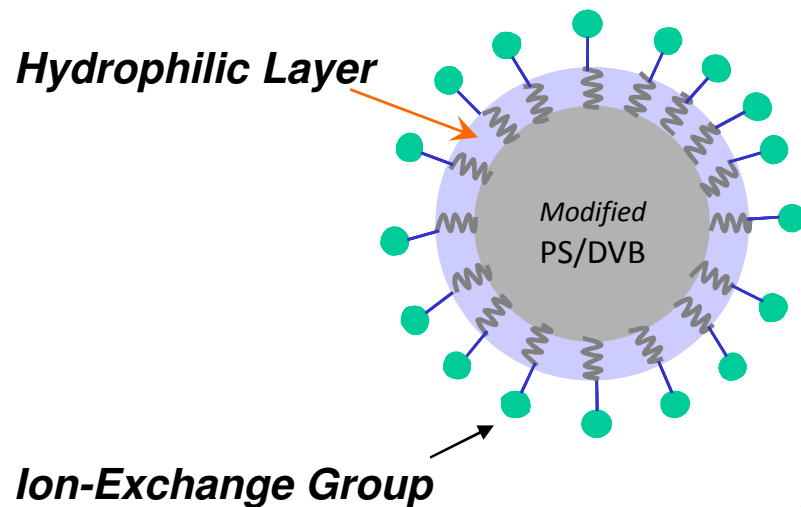
www.winlab.com.au

Contact: info@winlab.com.au

or call 61 07 3205 5233

Sepax Proteomix[®] Ion-exchange Stationary Phases

New Technology for non-porous ion-exchange resins



***Multiple ion-exchange groups
on one anchoring site***

Results from the Surface Chemistry

- Uniform coating
- Elimination of non-specific interaction
- Controlled and Increased capacity

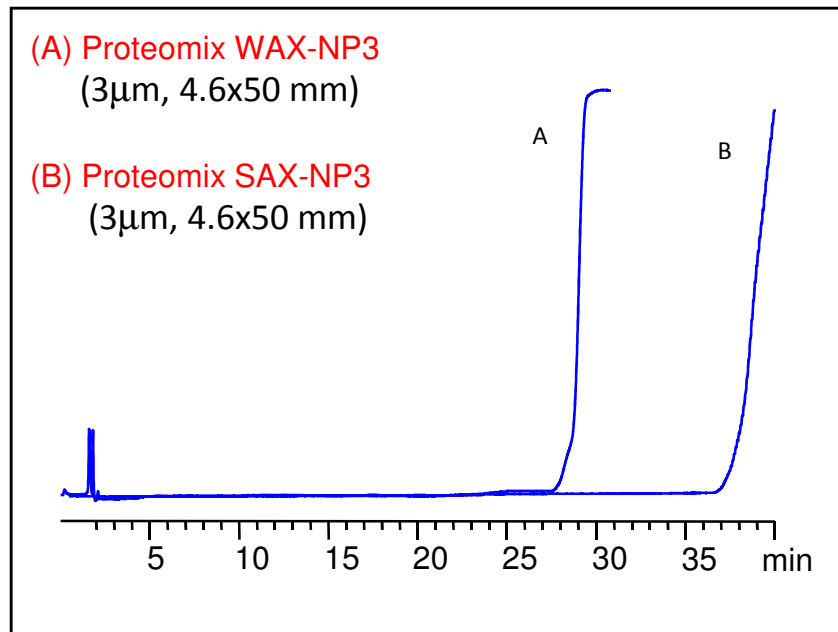


"Better Surface Chemistry for Better Separation."

www.winlab.com.au

High Capacity of Non-porous Ion-exchange Resins

Dynamic Binding Capacity of Proteomix[®] SAX and WAX



Test conditions:

10 mM Tris/HCl pH 8.0

3 mg/mL BSA

Flow rate: 0.25 mL/min

Detection: 280 nm

Packings	Particle (μ m)	SA (m^2)	Capacity (mg/mL)
<i>Proteomix</i>			
SAX-NP1.7	1.7	NP	43
SAX-NP3	3	NP	35
SAX-NP5	5	NP	28
SAX-NP10	10	NP	17.5
WAX-NP1.7	1.7	NP	35
WAX-NP3	3	NP	26

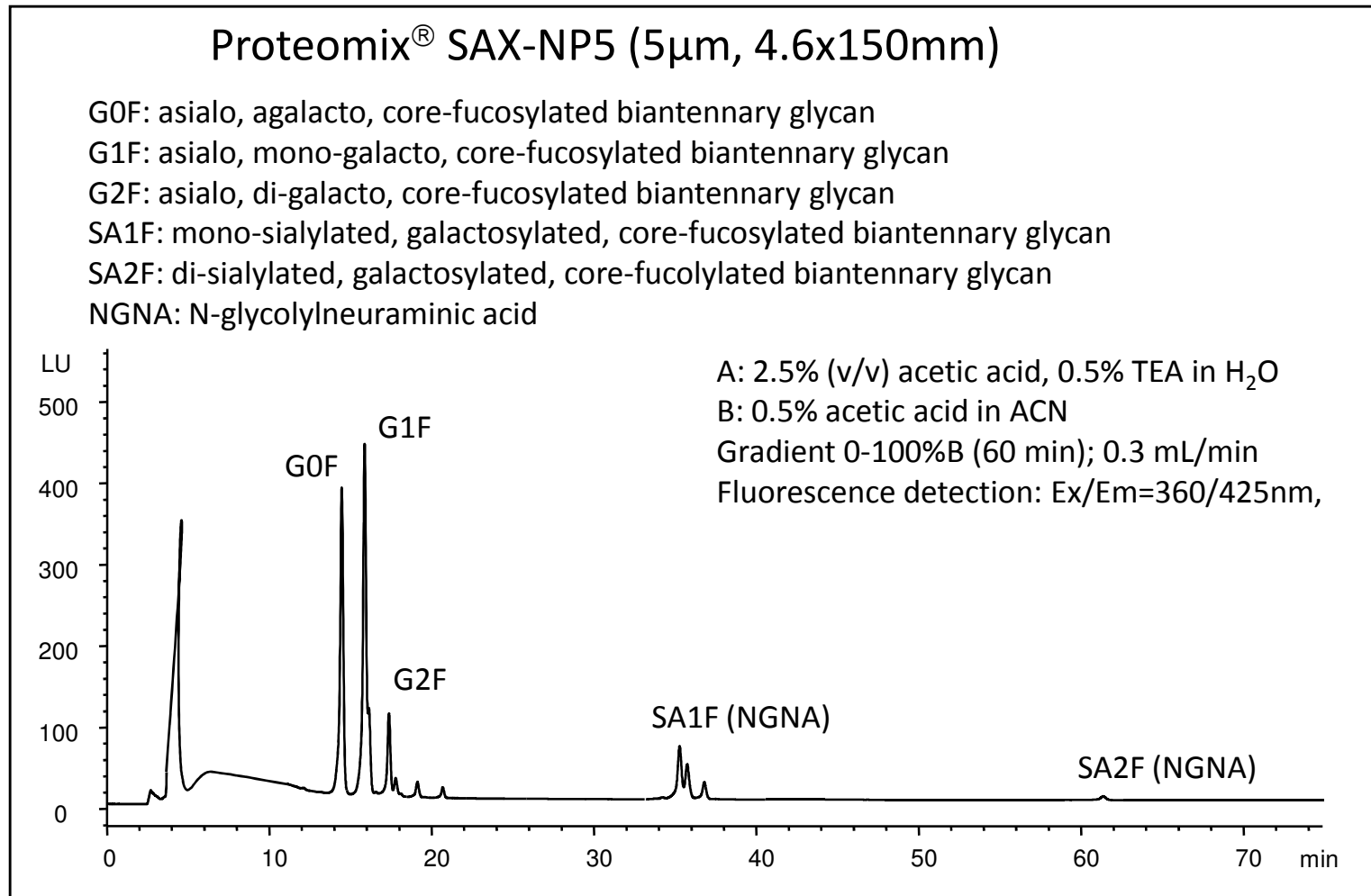


"Better Surface Chemistry for Better Separation."

www.winlab.com.au

High Resolution Separation of Glycan and Isomers

2-AA (anthranilic acid) labeled N-linked oligosaccharide profiling of an IgG1 sample

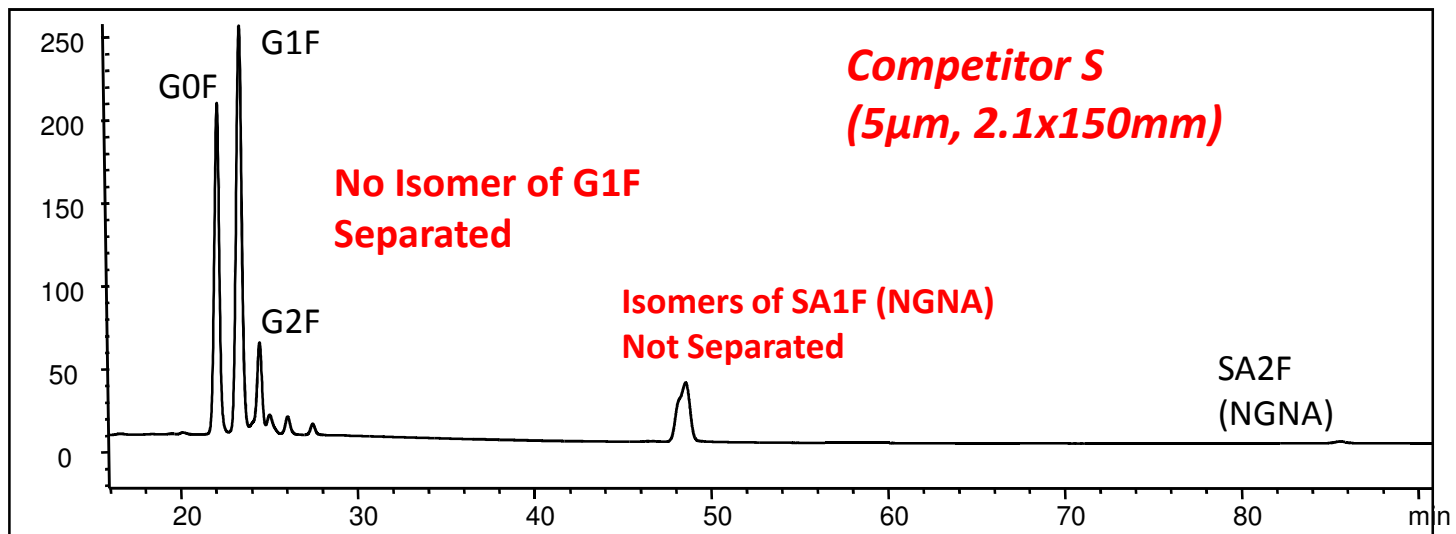
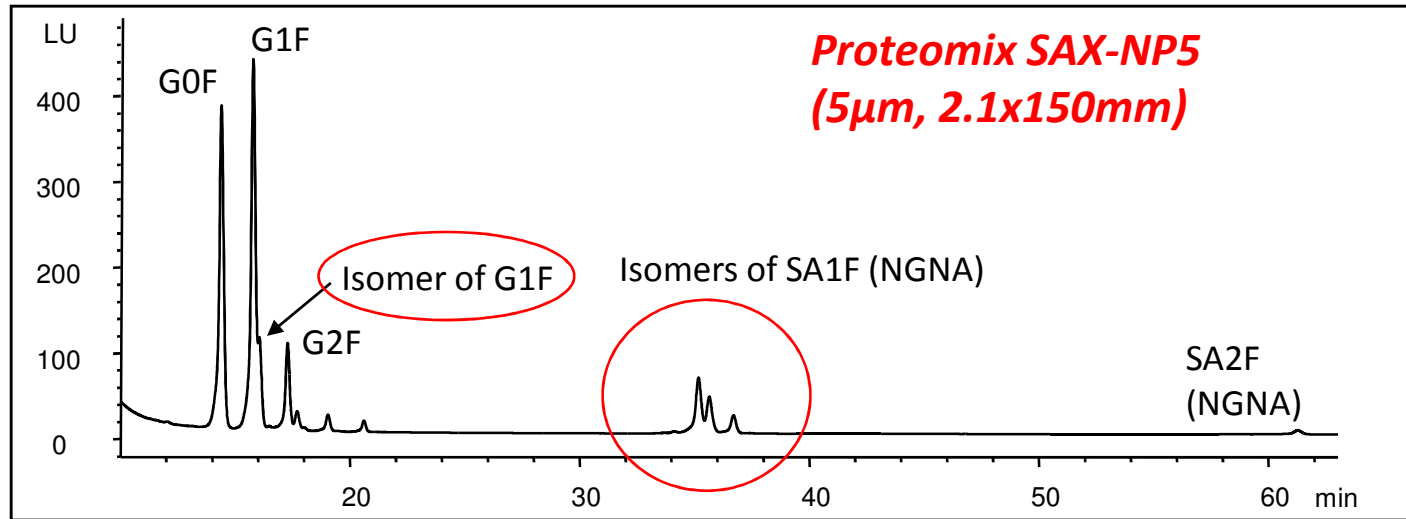


"Better Surface Chemistry for Better Separation."

www.winlab.com.au

Comparison Separation of Glycan and Isomers

2-AA labeled N-linked oligosaccharides profiling of an IgG1 sample



"Better Surface Chemistry for Better Separation."

www.winlab.com.au