



Introducing

Glycomics Analysis

from the world's first ISO 17025 accredited proteomics service provider

Comprehensive glycoprotein characterisation at the monosaccharide level is now available to complement existing detailed mapping of the amino acid sequence

Glycomics is ideal for Quality Control of Biosimilars, recombinant/fusion proteins and antibodies, and is a key component of the ICH Q6B guidelines for molecular characterisation

*All services are subject to sample complexity (pure glycoprotein amount required 150µg)
Prices can be adjusted for known systems*

August 2011

Contract Research Services	
Service	Price (USD) per sample
<i>N-linked glycosylation analysis</i>	
Monosaccharide profiling by LC/MS following release of N-Linked carbohydrates (from PVDF membrane)	\$1,300
<i>N-linked glycosylation: site determination</i>	
Composition and location for each site (given a known protein sequence and N-linked glycosylation mass) by LC/MS following multi-enzyme digests (from gel bands)	\$2,000
<i>N-linked glycosylation: detailed structural analysis</i>	
Specifically designed exoglycosidase treatments and analysis by LC/MS/MS for N-linked carbohydrates, with full data interpretation	\$3,800
<i>O-linked glycosylation analysis</i>	
Monosaccharide profiling by LC/MS following release of O-Linked carbohydrates (from PVDF membrane)	\$1,300
<i>O-linked glycosylation: site determination</i>	
Composition and location for each site (given a known protein sequence and O-linked glycosylation mass) by LC/MS following multi-enzyme digests (from gel bands)	\$2,000
<i>O-linked glycosylation: detailed structural analysis</i>	
Specifically designed exoglycosidase treatments and analysis by LC/MS/MS for O-linked carbohydrates, with full data interpretation	\$3,800
<i>Glycoprotein intact mass determination</i>	
Intact mass by LC/MS with & without release of N-Linked carbohydrates to determine molecular homogeneity and presence of O-linked carbohydrates	\$2000*
<i>Monosaccharide composition</i>	
Overall oligosaccharide profile by anion exchange chromatography with pulsed amperometric detection (pure glycoprotein amount required 1mg)	\$1,200

*subject to glycoprotein complexity

For more information contact

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