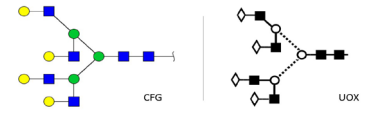
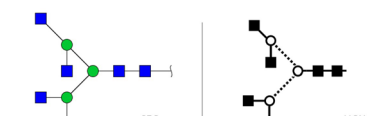
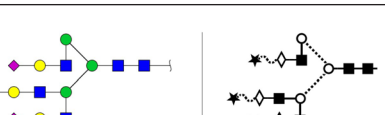
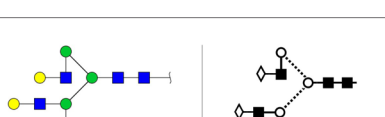
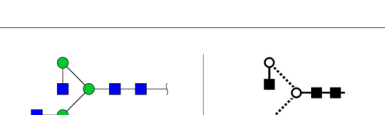
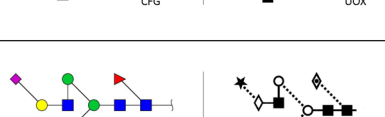
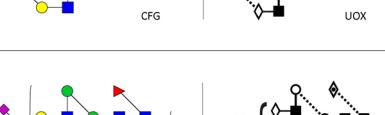



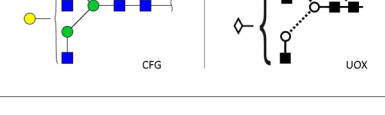
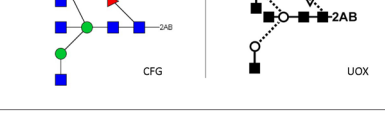
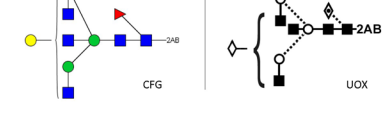
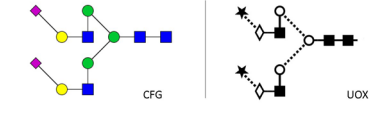
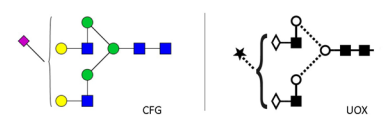
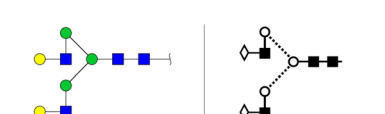
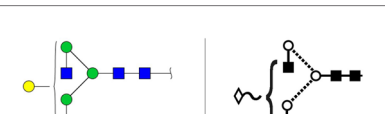
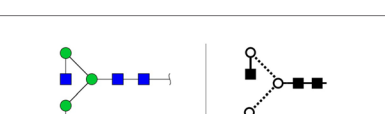
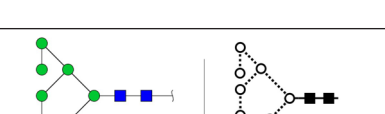
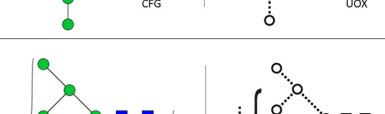









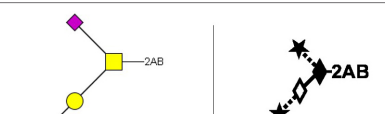
N-Glycan Standards

Name	Glycan Structure	Native (20µg / 10µg)	2-AB labelled (100pmol)	2-AA Labelled (100pmol)	APTS Labelled (20pmol)	Procainamide Labelled (20pmol)
NA4 Glycan (A4G4)		CN-NA4-20U CN-NA4-10U	CAB-NA4-01	CAA-NA4-01		
NGA4 Glycan (A4)		CN-NGA4-20U CN-NGA4-10U	CAB-NGA4-01	CAA-NGA4-01		
A3 Glycan (A3G3S3)		CN-A3-20U CN-A3-10U	CAB-A3-01	CAA-A3-01		CPROC-A3-01
NA3 Glycan (A3G3)		CN-NA3-20U CN-NA3-10U	CAB-NA3-01	CAA-NA3-01		CPROC-NA3-01
NGA3 Glycan (A3)		CN-NGA3-20U CN-NGA3-10U	CAB-NGA3-01	CAA-NGA3-01		
A2F Glycan (FA2G2S2, G2FS2)		CN-A2F-20U CN-A2F-10U	CAB-A2F-01	CAA-A2F-01	CAPTS-A2F-01	
A1F Glycan (FA2G2S1, G2FS1)		CN-A1F-20U CN-A1F-10U	CAB-A1F-01	CAA-A1F-01	CAPTS-A1F-01	CPROC-A1F-01
NA2F Glycan (FA2G2, G2F)		CN-NA2F-20U CN-NA2F-10U	CAB-NA2F-01	CAA-NA2F-01	CAPTS-NA2F-01	
NGA2F Glycan (FA2, G0F)		CN-NGA2F-20U CN-NGA2F-10U	CAB-NGA2F-01	CAA-NGA2F-01	CAPTS-NGA2F-01	
FA2G1 Glycan (G1F)		CN-FA2G1-20U CN-FA2G1-10U	CAB-FA2G1-01	CAA-FA2G1-01	CAPTS-FA2G1-01	CPROC-FA2G1-01
FA2B Glycan (G0B)			CAB-FA2B-01	CAA-FA2B-01		
FA2BG1 Glycan (G1B)			CAB-FA2BG1-01	CAA-FA2BG1-01		
A2 Glycan (A2G2S2, G2S2)		CN-A2-20U CN-A2-10U	CAB-A2-01	CAA-A2-01	CAPTS-A2-01	
A1 Glycan (A2G2S1, G2S1)		CN-A1-20U CN-A1-10U	CAB-A1-01	CAA-A1-01	CAPTS-A1-01	
NA2 Glycan (A2G2, G2)		CN-NA2-20U CN-NA2-10U	CAB-NA2-01	CAA-NA2-01	CAPTS-NA2-01	CPROC-NA2-01
A2G1 Glycan (G1)		CN-A2G1-20U	CAB-A2G1-01	CAA-A2G1-01		
NGA2 Glycan (A2, G0)		CN-NGA2-20U CN-NGA2-10U	CAB-NGA2-01	CAA-NGA2-01	CAPTS-NGA2-01	CPROC-NGA2-01
Man-9 Glycan		CN-MAN9-20U CN-MAN9-10U	CAB-MAN9-01	CAA-MAN9-01		CPROC-MAN9-01
Man-8 Glycan		CN-MAN8-20U CN-MAN8-10U	CAB-MAN8-01	CAA-MAN8-01		CPROC-MAN8-01
Man-7 Glycan		CN-MAN7-20U CN-MAN7-10U	CAB-MAN7-01	CAA-MAN7-01		CPROC-MAN7-01
Man-6 Glycan		CN-MAN6-20U CN-MAN6-10U	CAB-MAN6-01	CAA-MAN6-01		CPROC-MAN6-01
Man-5 Glycan		CN-MAN5-20U CN-MAN5-10U	CAB-MAN5-01	CAA-MAN5-01	CAPTS-MAN5-01	CPROC-MAN5-01
M3N2 (Man-3) Glycan		CN-M3N2-20U CN-M3N2-10U	CAB-M3N2-01	CAA-M3N2-01		

N-Glycan Libraries

Name	Native	2-AB labelled	APTS Labelled	Procainamide Labelled	Permethylated
IgG N glycan library	CLIBN-IGG-01 (25 µg)	CAB-IGG-01 (200 pmol)	CAPTS-IGG-01 (10 pmol)	CPROC-IGG-02	CPM-IGG-01 (20 MS runs)
N-glycan IgG library, permethylated with heavy (13C) methyl iodide					CPM-C13-IGG-01 (20 MS runs)
Fetuin N glycan library	CLIBN-FETUIN-01 (Approx. 7.5 µg)				
MAB 4 Glycan Reference Panel	SA-MAB4 (10 µg)				

O-Glycan Standards

Name	Glycan Structure	2-AB labelled
Core 1 O- glycan, C1		CAB-C1-01 (100 pmol)
Sialylated core 1 O glycan, C1S(3)1		CAB-C1S(3)1-01 (100 pmol)
Sialylated core 1 O glycan, C1S(3)1		CAB-C1S(3)1-02 (50 pmol)
Di-sialylated core 2 O glycan, C2S(3,3)2		CAB-C2S(3,3)2-01 (100 pmol)
Di-sialylated core 1 O glycan, C1S(3,6)2		CAB-C1S(3,6)2-01 (100 pmol)

O-Glycan Libraries

Name	Native
Fetuin O glycan library	CLIBO-FETUIN-01 (Released from 30 µg fetuin)



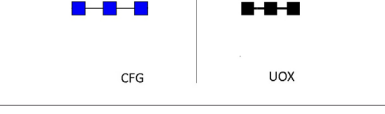
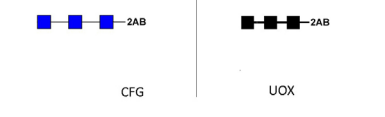

LC Calibration Standard

Name	2-AB labelled	2-AA Labelled	Procainamide Labelled
Glucose Homopolymer Ladder	CAB-GHP-30	CAA-GHP-30	CPROC-GHP-30

Glycoprotein And Glycopeptide Standards

Name	Native
Fetuin glycoprotein standard	GCP-FET-05 (500 µg)
Fetuin glycoprotein standard	GCP-FET-250U (250 µg)
Fetuin glycoprotein standard	GCP-FET-50U-X4 (4 x 50 µg)
IgG glycoprotein standard	GCP-IGG-50U (50 µg)
IgG glycoprotein standard	GCP-IGG-100U (100 µg)
BioQuant A2G2S2 glycopeptide standard	BQ-GPEP-A2G2S2-10U (3.49 nmol)
GPEP FA2 glycopeptide standard	GPEP-FA2-01 (approx 6 µg)


Quantitative Glycan and Glycopeptide Standards

Name	Glycan Structure	Native	2-AB labelled	2-AA Labelled
BioQuant quantitative Man-8 standard		BQ-CN-MAN8-10U (10 µg)		
BioQuant A2G2S2 glycopeptide standard		BQ-GPEP-A2G2S2-10U (3.49 nmol)		
BioQuant chitotriose standard		BQ-CHITOTRIOSE-01 (5nmol)		
BioQuant chitotriose standard, 2-AB Labelled			BQ-CAB-CHI-01 (100pmol)	
BioQuant chitotriose standard, 2-AA Labelled				BQ-CAA-CHI-01 (100pmol)

Monosaccharide and Sialic Acid Standards

Name	Native
Mix of six monosaccharide quantitative standards (glucosamine, galactosamine, galactose, mannose, xylose)	CM-MONOMIX-10 CM-MONOMIX-10X3
Xylose quantitative standard	CM-XYLOSE-100 (100 nmol)
Mannose 6 phosphate standard	CM-MAN6P-10 (10 nmol)
N-glycolylneuraminic acid (Neu5Gc or NGNA) quantitative standards	CM-NEU-GC-01 (1 nmol)
N-glycolylneuraminic acid (Neu5Gc or NGNA) quantitative standards	CM-NEUGC-100 (100 nmol)
N-acetylneuraminic acid (Neu5Ac or NANA) quantitative standards	CM-NEU-AC-01 (1 nmol)
N-acetylneuraminic acid (Neu5Ac or NANA) quantitative standards	CM-NEUAC-100 (100 nmol)
5-N-acetyl-9-O-acetylneuraminic acid standard (Neu5,9Ac2)	CM-NEU5,9AC2-01 (1 nmol)
Sialic acid reference panel	CM-SRP-01

Exoglycosidase Testing Standards

Name	Workflow/Glycan Structure	2-AB labelled	2-AA Labelled	Procainamide Labelled
Sialidase Testing Panel		CAB-STP-NEUAC-01 (100 pmol)		CPROC-STP-NEUAC-01 (20 pmol)
Gal alpha 1-3 Gal beta 1-4 GlcNAc		CAB-ALPHA-GAL-01 (100 pmol)	CAA-ALPHAGAL-01 (100pmol)	