

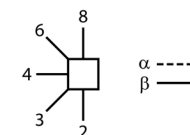
**Ludger**  
Human IgG  
N-glycan Library

At Ludger, IgG N-glycan library standards are available unlabelled (**CLIBN-IGG-01**), 2-AB labelled (**CAB-IGG-01**), Procainamide labelled (**CPROC-IGG-02**) and APTS labelled (**CAPTS-IGG-01**) forms.

Symbol for sugar

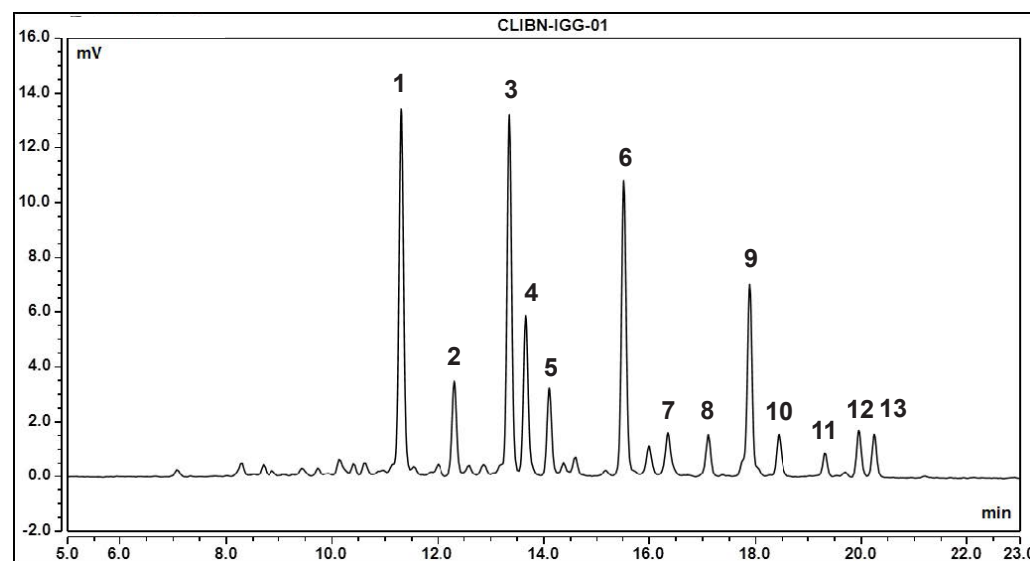
- Glc
- GlcNAc
- ★ NeuNAc
- ◇ Gal
- ◆ GalNAc
- ◊ Fuc (deoxy galactose)
- Man

Linkage position and type



- N-acetylglucosamine
- Mannose
- Galactose
- ◆ N-acetylneuraminic acid
- ▼ Fucose

Peak Number	Oxford Notation Name	Short name used with IgG glycans	Oxford Notation	Consortium for Functional Glycomics (CFG)	% Relative Peak Area	GU Value
1	F(6)A2	FA2			18.9	5.81
2	F(6)A2B	FA2B			5.01	6.18
3	F(6)A2[6]G(4)1	FA2G1			19.13	6.56
4	F(6)A2[3]G(4)1	FA2G1			8.95	6.68
5	F(6)A2[6]BG(4)1	FA2BG1			4.77	6.85
	F(6)A2[3]BG(4)1	FA2BG1				
6	F(6)A2G(4)2	FA2G2			17.31	7.43
7	F(6)A2BG(4)2	FA2BG2			3.10	7.88
8	A2G(4)2S1	A2G2S1			2.58	8.23
9	F(6)A2G(4)2S1	FA2G2S1			11.85	8.61
10	F(6)A2BG(4)2S1	FA2BG2S1			2.65	8.86
11	A2G(4)2S2	A2G2S2			1.20	9.43
12	F(6)A2G(4)2S2	FA2G2S2			2.35	9.77
13	F(6)A2BG(4)2S2	FA2BG2S2			2.22	9.93



**Figure 1:** BEH UPLC Profile of 2AB Labeled IgG N-Glycans released from Human IgG antibody by N-mode hydrazinolysis (Cat. #: CLIBN-IGG-01)