Version 1 Last updated 28 April 2020

ab272785 Glycan Array 300 – Array Map

View ab272785
Glycan Array 300 Kit datasheet:
www.abcam.com/ab272785
(use www.abcam.cn/ab272785 for China, or www.abcam.co.jp/ab272785 for Japan)

For identification of the specific glycan binding proteins in serum, plasma, cell culture supernatants, cell/tissue lysates or other body fluids.

This product is for research use only and is not intended for diagnostic use.

Table of Contents

1. Overview

Glycan Array 300 (ab272785) is the largest commercially available glycan array for screening protein-carbohydrate interactions.

The 300 synthetic glycans featured in the new generation Glycan Glycan-300 array consists of four groups of targets including the 100 glycans from the Raybio Glycan-100 array and an additional 80 N-glycans, 50 glycolipid glycans, and 50 human milk oligosaccharide glycans. The included glycans have been frequently identified as structures showing important binding functions in the literature. For example, a variety of sialosides have been shown to bind to the influenza virus with a serotype-specific pattern. Galectins, which are involved in apoptosis, cell adhesion and T-cell activation suppression, function by binding beta-galactosides. Glycosphingolipids interact with growth factor receptors to modify signal transduction or with bacterial toxin subunits, such as Vero(Shiga) toxin, cholera toxin, and the heat labile E.coli toxins, to induce cell apoptosis. Additionally, oligosaccharides from human milk bind to microbes to promote growth of normal flora and inhibit pathogens in the gastrointestinal tract. This array provides a powerful tool for researchers in glycobiology and other fields.

2. Glycan Array Map

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1	POS1	POS1	POS1	POS2	POS2	POS2	NEG	NEG	NEG	G0001	G0001	G0001	G0002	G0002	G0002	G0003	G0003	G0003	G0004	G0004	G0004	G0005	G0005	G0005	G0006	G0006	G0006
2	G0007	G0007	G0007	G0008	G0008	G0008	G0009	G0009	G0009	G0010	G0010	G0010	G0011	G0011	G0011	G0012	G0012	G0012	G0013	G0013	G0013	G0014	G0014	G0014	G0015	G0015	G0015
3	G0016	G0016	G0016	G0017	G0017	G0017	G0018	G0018	G0018	G0019	G0019	G0019	G0020	G0020	G0020	G0021	G0021	G0021	G0022	G0022	G0022	G0023	G0023	G0023	G0024	G0024	G0024
4	G0025	G0025	G0025	G0026	G0026	G0026	G0027	G0027	G0027	G0028	G0028	G0028	G0029	G0029	G0029	G0030	G0030	G0030	G0031	G0031	G0031	G0032	G0032	G0032	G0033	G0033	G0033
5	G0034	G0034	G0034	G0035	G0035	G0035	G0036	G0036	G0036	G0037	G0037	G0037	G0038	G0038	G0038	G0039	G0039	G0039	G0040	G0040	G0040	G0041	G0041	G0041	G0042	G0042	G0042
6	G0043	G0043	G0043	G0044	G0044	G0044	G0045	G0045	G0045	G0046	G0046	G0046	G0047	G0047	G0047	G0047	G0048	G0048	G0048	G0049	G0049	G0049	G0050	G0050	G0051	G0051	G0051
7	G0052	G0052	G0052	G0053	G0053	G0053	G0054	G0054	G0054	G0055	G0055	G0055	G0056	G0056	G0056	G0057	G0057	G0057	G0058	G0058	G0058	G0059	G0059	G0059	G0060	G0060	G0060
8	G0061	G0061	G0061	G0062	G0062	G0062	G0063	G0063	G0063	G0064	G0064	G0064	G0065	G0065	G0065	G0066	G0066	G0066	G0067	G0067	G0067	G0068	G0068	G0068	G0069	G0069	G0069
9	G0070	G0070	G0070	G0071	G0071	G0071	G0072	G0072	G0072	G0073	G0073	G0073	G0074	G0074	G0074	G0075	G0075	G0075	G0076	G0076	G0076	G0077	G0077	G0077	G0078	G0078	G0078
10	G0079	G0079	G0079	G0080	G0080	G0080	G0081	G0081	G0081	G0082	G0082	G0082	G0083	G0083	G0083	G0084	G0084	G0084	G0085	G0085	G0085	G0086	G0086	G0086	G0087	G0087	G0087
11	G0088	G0088	G0088	G0089	G0089	G0089	G0090	G0090	G0090	G0091	G0091	G0091	G0092	G0092	G0092	G0093	G0093	G0093	G0094	G0094	G0094	G0095	G0095	G0095	G0096	G0096	G0096
12	G0097	G0097	G0097	G0098	G0098	G0098	G0099	G0099	G0099	G0100	G0100	G0100	N010	N010	N010	N010	N011	N011	N011	N012	N012	N013	N013	N013	N014	N014	N014
13	N015	N015	N015	N020	N020	N020	N021	N021	N021	N022	N022	N022	N023	N023	N023	N024	N024	N024	N025	N025	N025	N026	N026	N026	N02G	N02G	N02G
14	N02G	N02G	N02G	N025G	N025G	N025G	N030	N030	N030	N210	N210	N210	N040	N040	N040	N041	N041	N041	N042	N042	N042	N043	N043	N043	N044	N044	N044
15	N045	N045	N045	N050	N050	N050	N051	N051	N051	N052	N052	N052	N053	N053	N053	N054	N054	N054	N055	N055	N055	T0001	T0001	T0001	T0002	T0002	T0002
16	T0003	T0003	T0003	T0004	T0004	T0004	T0005	T0005	T0005	T0006	T0006	T0006	T0007	T0007	T0007	T0008	T0008	T0008	T0009	T0009	T0009	T0010	T0010	T0010	T0011	T0011	T0011
17	T0012	T0012	T0012	T0013	T0013	T0013	T0014	T0014	T0014	T0015	T0015	T0015	T0016	T0016	T0016	T0017	T0017	T0017	T0018	T0018	T0018	T0019	T0019	T0019	T0020	T0020	T0020
18	T0021	T0021	T0021	T0022	T0022	T0022	T0023	T0023	T0023	T0024	T0024	T0024	T0025	T0025	T0025	T0026	T0026	T0026	T0027	T0027	T0027	T0028	T0028	T0028	T0029	T0029	T0029
19	T0030	T0030	T0030	T0031	T0031	T0031	T0032	T0032	T0032	T0033	T0033	T0033	T0034	T0034	T0034	T0035	T0035	T0035	T0036	T0036	T0036	T0037	T0037	T0037	T0038	T0038	T0038
20	T0039	T0039	T0039	T0040	T0040	T0040	T0041	T0041	T0041	T0042	T0042	T0042	T0043	T0043	T0043	T0044	T0044	T0044	T0045	T0045	T0045	T0046	T0046	T0046	T0047	T0047	T0047
21	T0048	T0048	T0048	T0049	T0049	T0049	T0050	T0050	T0050	H0100	H0100	H0100	H0101	H0101	H0101	H0103	H0103	H0103	H0105	H0105	H0105	H0106	H0106	H0106	H0200	H0200	H0200
22	H0201	H0201	H0201	H0202	H0202	H0202	H0203	H0203	H0203	H0204	H0204	H0204	H0205	H0205	H0205	H0207	H0207	H0207	H0208	H0208	H0208	H0209	H0209	H0209	H0210	H0210	H0210
23	H0300	H0300	H0300	H0301	H0301	H0301	H0303	H0303	H0303	H0304	H0304	H0304	H0305	H0305	H0305	H0306	H0306	H0306	H0307	H0307	H0307	H0400	H0400	H0400	H0402	H0402	H0402
24	H0403	H0403	H0403	H0404	H0404	H0404	H0405	H0405	H0405	H0406	H0406	H0406	H0407	H0407	H0407	H0408	H0408	H0408	H0409	H0409	H0409	H0410	H0410	H0410	H0411	H0411	H0411
25	H0500	H0500	H0500	H0503	H0503	H0503	H0504	H0504	H0504	H0505	H0505	H0505	H0505	H0600	H0600	H0600	H0601	H0601	H0601	H0602	H0602	H0602	H0603	H0603	H0603	H0604	H0604
26	H0606	H0606	H0606	H0608	H0608	H0608	H0609	H0609	H0609	H0610	H0610	H0610	H0700	H0700	H0700	H0701	H0701	H0701	H0800	H0800	H0800	H0900	H0900	H0900	L1001	L1001	L1001
27	L1002	L1002	L1002	L1003	L1003	L1003	L1011	L1011	L1011	L1012	L1012	L1012	L1013	L1013	L1013	L1021	L1021	L1021	L1022	L1022	L1022	L1023	L1023	L1023	L1201	L1201	L1201
28	L1202	L1202	L1202	L1203	L1203	L1203	L1204	L1204	L1204	L1205	L1205	L1205	L1206	L1206	L1206	L1207	L1207	L1207	L1209	L1209	L1209	L1211	L1211	L1211	L1212	L1212	L1212
29	L1213	L1213	L1213	L1214	L1214	L1214	L1215	L1215	L1215	L1216	L1216	L1216	L1221	L1221	L1221	L1222	L1222	L1222	L1225	L1225	L1225	L1226	L1226	L1226	L2000	L2000	L2000
30	L2100	L2100	L2100	L2101	L2101	L2101	L2102	L2102	L2102	L2111	L2111	L2111	L2112	L2112	L2112	L2113	L2113	L2113	L2121	L2121	L2121	L2122	L2122	L2122	L2103	L2103	L2103
31	L2104	L2104	L2104	L2131	L2131	L2131	L2132	L2132	L2132	L2133	L2133	L2133	L2191	L2191	L2191	L2192	L2192	L2192	L2200	L2200	L2200	L2300	L2300	L2300	L2301	L2301	L2301
32	L2302	L2302	L2302	L2311	L2311	L2311	L2312	L2312	L2312	L2303	L2303	L2303	L2304	L2304	L2304	L2391	L2391	L2391	L2392	L2392	L2392	L2900	L2900	L2900	L2911	L2911	L2911
33	L2912	L2912	L2912	L2913	L2913	L2913	L3100	L3100	L3100	L3101	L3101	L3101	L3102	L3102	L3102	L3111	L3111	L3111	L3112	L3112	L3112	L3113	L3113	L3113	L3103	L3103	L3103
34	L3200	L3200	L3200	L3201	L3201	L3201	L3202	L3202	L3202	L3211	L3211	L3211	L3212	L3212	L3212	L3213	L3213	L3213									

Glycan Names and Position ID

Glycans

- G0001: β-Glc-Sp
- G0002: β-Gal-Sp
- G0003: α-Man-Sp
- G0004: α-Fuc-Sp
- G0005: α-Rha-Sp
- G0006: β-GlcNAc-Sp
- G0007: β-GalNAc-Sp
- G0008: Tobramycin
- GGal-β-1,3-GlcNAc-β-Sp
- GGal-α-1,3-Gal-β-1,3-GlcNAc-β-Sp
- G0011: Neu5Ac-α-2,3-Gal-β-1,3-GlcNAc-β-Sp
- G0012: Neu5Ac-α-2,6-Gal-β-1,3-GlcNAc-β-Sp
- G0013: Neu5Gc-α-2,3-Gal-β-1,3-GlcNAc-β-Sp
- G0014: Neu5Gc-α-2,6-Gal-β-1,3-GlcNAc-β-Sp
- G0015: Gal-β-1,3-(Fuc-α-1,4)-GlcNAc-β- [Lewis A] –Sp
- G0016: Gal-β-1,4-Glc-β-Sp
- G0017: Gal-α-1,3-Gal-β-1,4-Glc-β-Sp
- G0018: Gal-α-1,4-Gal-β-1,4-Glc-β-Sp
- G0019: GlcNAc-β-1,3-Gal-β-1,4-Glc-β-Sp
- G0020: GalNAc-β-1,3-Gal-β-1,4-Glc-β-Sp
- G0021: Neu5Ac-α-2,3-Gal-β-1,4-Glc-β-Sp
- G0022: Neu5Ac-α-2,6-Gal-β-1,4-Glc-β-Sp
- G0023: Neu5Gc-α-2,3-Gal-β-1,4-Glc-β-Sp
- G0024: Neu5Ac-α-2,6-Gal-β-1,4-Glc-β-Sp
- G0025: Gal-β-1,4-(Fuc-α-1,3)-Glc-β-Sp
- G0026: GalNAc-β-1,3-Gal-α-1,4-Gal-β-1,4-Glc-β-Sp
- G0027: GlcNAc-β-1,6-GlcNAc-β-Sp
- G0028: 4-P-GlcNAc-b-1,4-Man-b-Sp
- G0029: Glc-α-1,2-Gal-α-1,3-Glc-α-SpGGal-β-1,3-GalNAc-α-Sp
- G0030: Gal-β-1,3-GalNAc-α-Sp
- G0031: Gal-β-1,4-GlcNAc-β-Sp
- G0032: Gal-β-1,4 -(Fuc-α-1,3)-GlcNAc-β- [Lewis X] –Sp

- G0033: Neu5Ac-a-2,3-Gal-β-1,4-(Fuc-a-1,3)-GlcNAc-β- [Sialyl Lewis X]-Sp
- G0034: Neu5Ac-a-2,3-Gal-β-1,3 -(Fuc-a-1,4)-GlcNAc-β- [Sialyl Lewis A]-Sp
- G0035: Neu5Gc-a-2,3-Gal-β-1,3-(Fuc-a-1,4)-GlcNAc-β- [Sialyl Lewis A]-Sp
- G0036: Gal-a-1,4-Gal-β-1,3-GlcNAc-β-Sp
- G0037: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-β- [LNnT]-Sp
- G0038: GlcA-β-1,4-GlcNAc-a-1,4-GlcA-β-Sp
- G0039: GlcNAc-β-1,6-(Gal-β-1,3)-GalNAc-a-O-Ser-Sp4
- G0040: Neu5Ac-a-2,3Gal-β-1,4-(6S)GlcNAc-β-Sp
- G0041: GalNAc-β-1,4-GlcNAc-β-Sp2
- G0042: Neu5Ac-a-2,8-Neu5Ac-a-2,3-Gal β-1,4-Glc-β-Sp
- G0043: Neu5Gc-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-Glc-β-Sp
- G0044: GalNAc-a-1,3-(Fuc-a-1,2)-Gal-β-1,4-Glc-β- [Blood A antigen tetrose]-Sp1
- G0045: GlcNAc-β-1,2-Man-a-Sp
- G0046: Neu5Ac-a-2,3-Gal-β-Sp1
- G0047: Gal-β-1,3 -GalNAc-β-1,3-Gal-β-Sp1
- G0048: Glc-a-1,2-Gal-a-Sp
- G0049: Gal-β-1,4-(Fuc-a-1,3)-GlcNAc-β-1,3-Gal-β-Sp1
- G0050: Neu5Ac-a-2,3-Gal-β-1,4-(Fuc-a-1,3)-Glc-β- [3-Sialyl-3-fucosyllactose/ F-SL]-Sp1
- G0051: GlcNAc-β-1,4-GlcNAc-β-Sp1
- G0052: β-D-GlcA-Sp
- G0053: Gal-β-1,4-(6S)GlNAc-β-Sp
- G0054: GlcNAc-a-1,3-(Glc-a-1,2-Glc-a-1,2)-Gal-a-1,3-Glc-a-Sp
- G0055: Gal-β-1,3-GalNAc-β-1,4-(Neu5Gc-a-2,3)-Gal-β-1,4-Glc-β-Sp1
- G0056: Sisomicin Sulfate
- G0057: GalNAc-a-1,3-(Fuc-a-1,2)-Gal-β- [Blood A antigen trisaccharide]-Sp1
- G0058: Fuc-a-1,2-Gal-β-1,4-GlcNAc-β- [Blood H antigen trisaccharide]-Sp1
- G0059: Gal-a-1,3-(Fuc-a-1,2)-Gal-β- [Blood B antigen trisaccharide]-Sp1

- G0060: Fuc-a-1,2-Gal-β-1,3-GlcNAc-β-1,3-Gal-β-1,4-Glc-β- [LNFP I]-Sp1
- G0061: Fuc-a-1,2-Gal-β-1,4-Glc-β- [Blood H antigen trisaccharide]-Sp1
- G0062: Gal-a-1,3-(Fuc-a-1,2)-Gal-β-1,4-Glc-β- [Blood B antigen tetrasaccharide]-Sp1
- G0063: (Fuc-a-1,2)-Gal-β-1,4-(Fuc-a-1,3)-GlcNAc-β- [Lewis Y]-Sp1
- G0064: (Fuc-a-1,2)-Gal-β-1,3-(Fuc-a-1,4)-GlcNAc-β- [Lewis B]-Sp1
- G0065: Gal-β-1,3-(Fuc-a-1,4)-GlcNAc-β-1,3-Gal-β-1,4-(Fuc-a-1,4)-Glc-β- [Lewis A]-Sp1
- G0066: Gal-β-1,3-GalNAc-β-Sp1
- G0067:Gal-β-1,3-(Neu5Ac-a-2,6)-GalNAc-β-Sp
- G0068: Neu5Ac-a-2,6-Gal-β-1,3-GalNAc-β-Sp
- G0069: Neu5Ac-a-2,6-Gal-β-1,3-(Neu5Ac-a-2,6)-GalNAc-β-Sp
- G0070: Neu5Ac-a-2,3-Gal-β-1,3-(Neu5Ac-a-2,6)-GalNAc-β-Sp
- G0071: Neu5Ac-a-2,6-(Neu5Ac-a-2,3)-Gal-β-1,3-GalNAc-β-Sp
- G0072: GalNAc-β-1,4-(Neu5Ac-a-2,3)-Gal-β-1,4-Glc-β- [GM2]-Sp
- G0073: GalNAc-β-1,4-(Neu5Ac-a-2,8-Neu5Ac-a-2,3)-Gal-β-1,4-Glc-β- [GD2]-Sp
- G0074: Gal-a-1,4-Gal-β-1,4-GlcNAc-β-Sp1
- G0075: β-D-Rha-Sp
- G0076: Glc-a-1,4-Glc-β-Sp1
- G0077: Glc-a-1,6-Glc-a-1,4-Glc-β-Sp1
- G0078: Maltotriose-β-Sp1
- G0079: Glc-a-1,6-Glc-a-1,6-Glc-β-Sp1
- G0080: Maltotetraose-β-Sp1
- G0081: GlcNAc-a-1,4-GlcA-β-1,4-GlcNAc-a1,4-GlcA-β-Sp
- G0082: Maltohexaose-β-Sp1
- G0083: Maltoheptaose-β-Sp1
- G0084: Acarbose-β-Sp1
- G0085: D-pentamannuronic acid-β-Sp1
- G0086: L-pentaguluronic acid-β-Sp1
- G0087: D-cellose-β-Sp1
- G0088: Gal-a-1,3-Gal-β-Sp1
- G0089: β-1,4-Xylotetrose-Sp1

- G0090: Chitin-trisaccharide-Sp1
- G0091: KDN-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-Glc-β-Sp
- G0092: Neu5Ac-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-Glc-β-Sp
- G0093: Neu5Ac-a-2,8-Neu5Ac-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-Glc-β-Sp3
- G0094: Neu5Ac-a-2,8-Neu5Ac-a-2,6-Gal-b-1,4-Glc-Sp5
- G0095: Gal-β-1,3-GalNAc-β-1,4-(Neu5Ac-a-2,3)-Gal-β-1,4-Glc-β-Sp1
- G0096: Gentamicin Sulfate
- G0097: Kanamycin sulfate
- G0098: Geneticin Disulfate Salt (G418)
- G0099: Neomycin trisulfate
- G0100: SGP

N-Glycans

- N010: Man-a-1,6-(Man-a-1,3-)Man-a-1,6-(GlcNAc-β-1,2-Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N011: Man-a-1,6-(Man-a-1,3-)Man-a-1,6-(Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N012: Man-a-1,6-(Man-a-1,3-)Man-a-1,6-(Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-) Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N013: Man-a-1,6-(Man-a-1,3-)Man-a-1,6-(Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-) Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N014: Man-a-1,6-(Man-a-1,3-)Man-a-1,6-[Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,3-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N015: Man-a-1,6-(Man-a-1,3-)Man-a-1,6-[Neu5Ac-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2- Man-a-1,3-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N020: GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N021: Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N022: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5

- N023: Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N024: Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N025: Neu5Ac-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N022G: Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N023G: Neu5Gc-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N025G: Neu5Gc-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N026: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N030: Man-a-1,6-(GlcNAc-β-1,2-Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N040: GlcNAc-β-1,2-Man-a-1,6-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N041: Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N042: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N043: Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N044: Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N045: Neu5Ac-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N050: GlcNAc-β-1,2-Man-a-1,6-(Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N051: Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-(Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N052: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-(Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N053: Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-(Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp
- N054: Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,6-(Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5

- N055: Neu5Ac-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,2-Man-a-1,6-(Man-a-1,3-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5
- N210: GlcNAc-β-1,2-Man-a-1,6-[GlcNAc(3Ac)-β-1,2-Man-a-1,3-Man-β-1,4-GlcNAc-β-1,4-GlcNAc-Sp5

Glycolipid Glycans

- L1001: Neu5Ac-a-2,3-Gal-β-1,4-Glc-Sp5
- L1002: Neu5Gc-a-2,3-Gal-β-1,4-Glc-Sp5
- L1003: Kdn-a-2,3-Gal-β-1,4-Glc-Sp5
- L1011: Neu5Ac-a-2,3-(GalNAc-b-1,4-)Gal-b-1,4-Glc-Sp5
- L1012: Neu5Gc-a-2,3-(GalNAc-b-1,4-)Gal-b-1,4-Glc-Sp5
- L1013: Kdn-a-2,3-(GalNAc-b-1,4-)Gal-b-1,4-Glc-Sp5
- L1021: Neu5Ac-a-2,3-(Gal-b-1,3-GalNAc-b-1,4-)Gal-b-1,4-Glc-Sp5
- L1022: Neu5Gc-a-2,3-(Gal-b-1,3-GalNAc-b-1,4-)Gal-b-1,4-Glc-Sp5
- L1023: Kdn-a-2,3-(Gal-b-1,3-GalNAc-b-1,4-)Gal-b-1,4-Glc-Sp5
- L1201: Neu5Ac-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-Glc-Sp5
- L1202: Neu5Gc-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-Glc-Sp5
- L1203: Kdn-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-Glc-Sp5
- L1204: Neu5Ac-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-Glc-Sp5
- L1205: Neu5Gc-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-Glc-Sp5
- L1206: Kdn-a-2,8-Neu5Gc-a-2-,3-Gal-β-1,4-Glc-Sp5
- L1207: Neu5Ac-a-2,8-Kdn-a-2,3-Gal-β-1,4-Glc-Sp5
- L1209: Kdn-a-2,8-Kdn-a-2,3-Gal-β-1,4-Glc-Sp5
- L1211: Neu5Ac-a-2,8-Neu5Ac-a-2,3-(GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1212: Neu5Gc-a-2,8-Neu5Ac-a-2,3-(GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1213: Kdn-a-2,8-Neu5Ac-a-2,3-(GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1214: Neu5Ac-a-2,8-Neu5Gc-a-2,3-(GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1215: Neu5Gc-a-2,8-Neu5Gc-a-2,3-(GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1216: Kdn-a-2,8-Neu5Gc-a-2,3-(GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5

- L1218: Neu5Gc-a-2,8-Kdn-a-2,3-(GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1221: Neu5Ac-a-2,8-Neu5Ac-a-2,3-(Gal-b-1,3-GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1222: Neu5Gc-a-2,8-Neu5Ac-a-2,3-(Gal-b-1,3-GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1225: Neu5Gc-a-2,8-Neu5Gc-a-2,3-(Gal-b-1,3-GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L1226: Kdn-a-2,8-Neu5Gc-a-2,3-(Gal-b-1,3-GalNAc-b-1,4-)Gal-β-1,4-Glc-Sp5
- L2000: GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2100: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2101: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2102: Gal-a-1,4-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2103: Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2104: Gal-a-1,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2111: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2112: Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2113: Kdn-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2121: Neu5Ac-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2122: Neu5Gc-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2123: Neu5Ac-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2124: Neu5Gc-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2131: Neu5Ac-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2132: Neu5Gc-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2133: Kdn-a-2,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2200: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2201: GlcNAc-β-1,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5

- L2300: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2301: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2302: Gal-a-1,4-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2303: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2304: Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuc-a-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2311: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2312: Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2313: Kdn-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2900: Gal-β-1,3-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2911: Neu5Ac-a-2,3-Gal-β-1,3-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2912: Neu5Gc-a-2,3-Gal-β-1,3-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L2913: Kdn-a-2,3-Gal-β-1,3-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- L3100: Gal-a-1,4-Gal-β-1,4-Glc-Sp5
- L3101: GalNAc-β-1,3-Gal-a-1,4-Gal-β-1,4-Glc-Sp5
- L3102: Gal-β-1,3-GalNAc-β-1,3-Gal-a-1,4-Gal-β-1,4-Glc-Sp5
- L3111: Neu5Ac-a-2,3-Gal-β-1,3-GalNAc-β-1,3-Gal-a-1,4-Gal-β-1,4-Glc-Sp5
- L3112: Neu5Gc-a-2,3-Gal-β-1,3-GalNAc-β-1,3-Gal-a-1,4-Gal-β-1,4-Glc-Sp5
- L3113: Kdn-a-2,3-Gal-β-1,3-GalNAc-β-1,3-Gal-a-1,4-Gal-β-1,4-Glc-Sp5
- L3200: Gal-a-1,3-Gal-β-1,4-Glc-Sp5
- L3201: GalNAc-β-1,3-Gal-a-1,3-Gal-β-1,4-Glc-Sp5
- L3202: Gal-β-1,3-GalNAc-β-1,3-Gal-a-1,3-Gal-β-1,4-Glc-Sp5
- L3211: Neu5Ac-a-2,3-Gal-β-1,3-GalNAc-β-1,3-Gal-a-1,3-Gal-β-1,4-Glc-Sp5
- L3212: Neu5Gc-a-2,3-Gal-β-1,3-GalNAc-β-1,3-Gal-a-1,3-Gal-β-1,4-Glc-Sp5

- L3213: Kdn-α-2,3-Gal-β-1,3-GalNAc-β-1,3-Gal-α-1,3-Gal-β-1,4-Glc-Sp5

Human Milk Oligosaccharides

- H0100: GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0101: Gal-β-1,4-GlcNAc-β-1,3-(Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0103: Neu5Gc-α-2,6-Gal-β-1,4-GlcNAc-β-1,3-(Neu5Gc-α-2,6-Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0105: Fuc-α-1,2-Gal-β-1,4-GlcNAc-β-1,3-(Fuc-α-1,2-Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0106: Fuc-α-1,2-Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-[Fuc-α-1,2-Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,6-]Gal-β-1,4-Glc-Sp5
- H0200: Gal-β-1,4-GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0201: Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0202: Neu5Gc-α-2,6-Gal-β-1,4-GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0203: Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0204: Fuc-α-1,2-Gal-β-1,4-GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0205: Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-β-1,3-(Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0207: Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-(Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0208: Fuc-α-1,2-Gal-β-1,4-GlcNAc-β-1,3-(Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0209: Fuc-α-1,2-Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0210: Fuc-α-1,2-Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-[Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,6-]Gal-β-1,4-Glc-Sp5
- H0300: GlcNAc-β-1,3-(Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0301: GlcNAc-β-1,3-(Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0303: GlcNAc-β-1,3-[Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,6-]Gal-β-1,4-Glc-Sp5

- H0304: Fuc-α-1,2-GlcNAc-β-1,3-(Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0305: Gal-β-1,4-GlcNAc-β-1,3-(Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0306: Gal-β-1,4-GlcNAc-β-1,3-(Neu5Gc-α-2,6-Gal-β-1,4-GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5
- H0307: Gal-β-1,4-GlcNAc-β-1,3-[Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,6-]Gal-β-1,4-Glc-Sp5
- H0400: Gal-β-1,4-Glc-Sp
- H0402: GalNAc-β-1,3-Gal-β-1,4-Glc-Sp
- H0403: Neu5Ac-α-2,3-Gal-β-1,4-Glc-Sp
- H0404: Neu5Gc-α-2,3-Gal-β-1,4-Glc-Sp
- H0405: Neu5Ac-α-2,6-Gal-β-1,4-Glc-Sp
- H0406: Neu5Gc-α-2,6-Gal-β-1,4-Glc-Sp
- H0407: Gal-α-1,3-Gal-β-1,4-Glc-Sp
- H0408: Neu5Ac-α-2,8-Neu5Ac-α-2,3-Gal-β-1,4-Glc-Sp
- H0409: Neu5Ac-α-2,8-Neu5Ac-α-2,6-Gal-β-1,4-Glc-Sp
- H0410: Neu5Ac-α-2,3-Gal-α-1,3-Gal-β-1,4-Glc-Sp
- H0411: Neu5Ac-α-2,6-Gal-α-1,3-Gal-β-1,4-Glc-Sp
- H0500: Gal-α-1,4-Gal-β-1,4-Glc-Sp5
- H0503: GalNAc-β-1,3-Gal-α-1,4-Gal-β-1,4-Glc-Sp5
- H0504: Gal-β-1,3-GalNAc-β-1,3-Gal-α-1,4-Gal-β-1,4-Glc-Sp5
- H0505: Fuc-α-1,2-Gal-β-1,3-GalNAc-β-1,3-Gal-α-1,4-Gal-β-1,4-Glc-Sp5
- H0600: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0601: Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0602: Fuc-α-1,2-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0603: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0604: Neu5Ac-α-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0606: Gal-β-1,4-GlcNAc-β-1,3-(Neu5Ac-α-2,6-)Gal-β-1,4-Glc-Sp5
- H0608: Fuc-α-1,2-Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0609: Neu5Ac-α-2,3-Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5

- H0610: GlcNAc-β-1,3-Gal-β-1,4-(Fuc-α-1,3-)GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0700: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0701: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0800: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-Glc-Sp5
- H0900: Gal-β-1,3-GlcNAc-β-1,3-(GlcNAc-β-1,6-)Gal-β-1,4-Glc-Sp5

Tandem epitopes

- TE001: Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-Man-α-1,3-(Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-Man-α-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE002: Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,3-(Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE003: Neu5Gc-α-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,3-(Neu5Gc-α-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE004: Neu5Ac-α-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,3-(Neu5Ac-α-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE005: Neu5Gc-α-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,3-(Neu5Gc-α-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE006: Gal-β-1,4-(Fucα-1,3-)GlcNAc-β-1,2-Man-α-1,3-[Gal-β-1,4-(Fucα-1,3-)GlcNAc-β-1,2-Man-α-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE007: Gal-α-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,3-(Gal-α-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE008: Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-α-1,3-[Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-α-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE009: Neu5Ac-α-2,8-Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,3-(Neu5Ac-α-2,8-Neu5Ac-α-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-α-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn

- TE010: Neu5Gc-a-2,8-Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Gc-a-2,8-Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE011: Neu5Ac-a-2,8-Neu5Gc-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Ac-a-2,8-Neu5Gc-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE012: Neu5Gc-a-2,8-Neu5Gc-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Gc-a-2,8-Neu5Gc-a-2,6-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE013: Neu5Ac-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Ac-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE014: Neu5Gc-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Gc-a-2,8-Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE015: Neu5Ac-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Ac-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE016: Neu5Gc-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Gc-a-2,8-Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE017: Neu5Ac-a-2,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Neu5Ac-a-2,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE018: Neu5Gc-a-2,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Neu5Gc-a-2,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE019: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE020: Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Neu5Gc-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE021: Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,3-(Neu5AC-a-2,6-)Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-[Neu5Ac-a-2,6-Gal-β-1,4-GlcNAc-β-1,3-(Neu5AC-a-2,6-)Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn

- TE022: Neu5Gc-a-2,6-Gal-β-1,4-GlcNAc-β-1,3-(Neu5GC-a-2,6-)Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-[Neu5Gc-a-2,6-Gal-β-1,4-GlcNAc-β-1,3-(Neu5GC-a-2,6-)Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE023: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-(Neu5AC-a-2,6-)Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-[Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-(Neu5AC-a-2,6-)Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE024: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE025: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE026: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE027: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE028: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE029: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE030: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE031: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn

- TE032: GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE033: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE034: Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Neu5Ac-a-2,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE035: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE036: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE037: GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE038: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE039: Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE040: GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE041: Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-

(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn

- TE042: Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE043: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE044: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE045: Gal-a-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-a-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE046: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE047: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE048: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE049: Gal-a-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,3-[Gal-a-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,3-Gal-β-1,4-(Fuca-1,3-)GlcNAc-β-1,2-Man-a-1,6-]Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn
- TE050: Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,3-(Gal-a-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,3-Gal-β-1,4-

GlcNAc-β-1,3-Gal-β-1,4-GlcNAc-β-1,2-Man-a-1,6-)Man-β-1,4-GlcNAc-β-1,4-GlcNAc-β-Asn

3. Notes

Technical Support

For all technical or commercial enquiries please go to:

www.abcam.com/contactus
www.abcam.cn/contactus (China)
www.abcam.co.jp/contactus (Japan)