

No.	Glycan Structure	Name	No.	Glycan Structure	Name
1	D-Mannose	D-Mannose	51	Neu5Acα2-3Galβ1-4-(Fucα1-3)GlcNAc	Sialyl Lewis x
2	D-Glucose	D-Glucose	52	Neu5Acα2-3Galβ1-3-(Fucα1-4)-GlcNAc	Sialyl Lewis a
3	D-Fucose	D-Fucose	53	Fuca1-2Galβ1-3-(Fucα1-4)GlcNAc	Lewis b Tetrasaccharide
4	D-Galactose	D-Galactose	54	Fuca1-2Galβ1-4-(Fucα1-3)GlcNAc	Lewis y Tetrasaccharide
5	L-Fucose	L-Fucose	55	Fuca1-2Galβ1-3GlcNAcβ1-3Galβ1-4Glc	Lacto-N-Fucopentaose I (LNFP-I)
6	L-Rhamnose	L-Rhamnose	56	Galβ1-3(Fuca1-4)GlcNAcβ1-3Galβ1-4Glc	Lacto-N-Fucopentaose II (LNFP-II)
7	D-ManNAc	D-ManNAc	57	Galβ1-4(Fuca1-3)GlcNAcβ1-3Galβ1-4Glc	Lacto-N-Fucopentaose III (LNFP-III)
8	D-GlcNAc	D-GlcNAc	58	Fuca1-2Galβ1-3Galβ1-4(Fuca1-3)Glc	B-Penta (Human Urine)
9	Neu5Ac	Sialic acid	59	Glcα1-4Glcα1-4Glcα1-4Glcα1-4Glc	Maltopentaose
10	Frucβ2-1Glcα	Sucrose	60	[Mana1-3-(Mana1-6)-Mana1-6]- (Mana1-3)-Man	Man5
11	Galβ1-4Glc	Lactose	61	Neu5Acα2-6Galβ1-3)GlcNAcβ1-3Galβ1-4Glc	LS-Tetrasaccharide b (LsTb)
12	Galβ1-4GlcNAc	LacNAc	62	Neu5Acα2-6Galβ1-4GlcNAcβ1-3Galβ1-4Glc	LS-Tetrasaccharide c (LsTc)
13	Galβ1-3GlcNAc	Lac-N-biose	63	Galβ1-3GalNAcβ1-4(Neu5Acα2-3)Galβ1-4Glc	GM1 Glycan
14	Galβ1-4Gal	4-β-Galactobiose	64	GalNAcα1-3(Fuca1-2)Galβ1-4(Fuca1-3)Glc	Blood Group A Pentasaccharide
15	GalNAcβ1-3Gal	β-D-N-acetyl-galactosaminyl 1-3 galactose	65	(GlcNAcβ1-2Mana1),1-3,6Man	Biantennary N-linked Core Pentasaccharide
16	Glcα1-4Glc	Maltose	66	Galβ1-3(Fuca1-4)GlcNAcβ1-3Galβ1-4(Fuca1-3)Glc	Lacto-N-difucohexaose II (LNH)
17	Glcβ1-4Glc	Cellobiose	67	Neu5Acα2-3Galβ1-3(Neu5Acα2-6)GlcNAcβ1-3Galβ1-4Glc	DSLNT
18	GlcNAcβ1-4GlcNAc	Diacetylchitobiose	68	GlcNAcβ1-4GlcNAcβ1-4GlcNAcβ1-4GlcNAcβ1-4GlcNAcβ1-4GlcNAc	Hexaacetyl Chitohexaose
19	GlcNAcβ1-2Man	β-D-N-acetylglucosaminyl 1-2 mannose	69	Glcα1-4Glcα1-4Glcα1-4Glcα1-4Glcα1-4Glc	Maltohexaose
20	GlcNAcβ1-4MurNAc	GlcNAcMurNAc	70	Glcα1-4Glcα1-4Glcα1-4Glcα1-4Glcα1-4Glcα1-4Glc	Maltoheptaose
21	GlcNH ₂ β1-4GlcNH ₂	Chitobiose	71	(4GlcAB1-4GlcNAc(6S)α1) ₄	Heparin Octasaccharide
22	Mana1-2Man	2-Mannobiose	72	Mana1-6(Mana1-3)Mana1-6(Mana1-3)Manβ1-4GlcNAcβ1-4GlcNAc	MAN-5; (Man)5(GlcNAc)2
23	Mana1-3Man	3-Mannobiose	73	Mana1-2Mana1-6(Mana1-2Mana1-3)Mana1-6(Mana1-2Mana1-2Mana1-3)Manβ1-4GlcNAcβ1-4GlcNAc	MAN-9; (Man)9(GlcNAc)2
24	Mana1-4Man	4-Mannobiose	74	GalNAcα1-3(Fuca1-2)Galβ1-3GlcNAc	Blood Group A Type 1 Tetrasaccharide
25	Mana1-6Man	6-Mannobiose	75	GalNAcα1-3(Fuca1-2)Galβ1-4GlcNAc	Blood Group A Type 2 Tetrasaccharide
26	Fuca1-2Gal	Blood H Disaccharide	76	GalNAcα1-3(Fuca1-2)Galβ1-3GalNAc	Blood Group A Type 3/4 Tetrasaccharide
27	ΔGlcA(2S)α1-4)GlcNS(6S)	Heparin Disaccharide	77	Galα1-3-(Fuc1-2)Galβ1-4(Fuca1-3)Glc	Blood Group B Pentasaccharide
28	GlcNH ₂ β1-4GlcNH ₂ β1-4GlcNH ₂	Chitotriose	78	Galα1-3-(Fuc1-2)Galβ1-3GlcNAc	Blood Group B Type 1 Tetrasaccharide
29	Galβ1-4Galβ1-4Glc	Globotriose (P ^x antigen)	79	Galα1-3-(Fuc1-2)Galβ1-4GlcNAc	Blood Group B Type 2 Tetrasaccharide
30	GlcNAcβ1-4GlcNAcβ1-4GlcNAc	Triacetyl chitotriose	80	Galα1-3-(Fuc1-2)Galβ1-3GalNAc	Blood Group B Type 3/4 Tetrasaccharide
31	Neu5Acα2-3Galβ1-4Glc	3'-SL (GM3 Glycan)	81	Neu5Acα2-3Galβ1-4(Fuca1-3)GlcNAcβ1-3Gal	Sialyl Lewis x Pentasaccharide
32	Neu5Acα2-6Galβ1-4Glc	6'-SL	82	Neu5Acα2-3(GalNAcβ1-4)Galβ1-4Glc	GM2 Glycan
33	Neu5Acα2-3Galβ1-4GlcNAc	3'-SLN	83	Neu5Ac2-3Galβ1-3GlcNAcβ1-3Galβ1-4Glc	LS-Tetrasaccharide a (LsTa)
34	Neu5Acα2-6Galβ1-4GlcNAc	6'-SLN	84	Neu5Acα2-3Galβ1-4GlcNAcβ1-3Galβ1-4Glc	LS-Tetrasaccharide d (LsTd)
35	SO ₂ -3Galβ1-4-(Fuca1-3)GlcNAc	Sulpho-Lewis x	85	Neu5Acα2-3Galβ1-3GalNAcβ1-3Gal	Stage-specific Embryonic Antigen 4 (SSEA-4)
36	SO ₂ -3Galβ1-4-(Fuca1-4)-GlcNAc	Sulpho-Lewis a	86	Glcβ1-4Glcβ1-4Glcβ1-4Glc	Cellotetraose
37	Galβ1-4-(Fuca1-3)-GlcNAc	Lewis x Trisaccharide	87	Glcβ1-4Glcβ1-4Glcβ1-4Glcβ1-4Glc	Cellopentaose
38	Galβ1-3-(Fuca1-4)-GlcNAc	Lewis a Trisaccharide	88	Glcβ1-4Glcβ1-4Glcβ1-4Glcβ1-4Glcβ1-4Glc	Cellohexaose
39	Glcα1-4Glcα1-4Glc	Maltotriose	89	D-GalNAc	D-GalNAc
40	Glcβ1-4Glcβ1-4Glc	Cellotriose	90	Galβ1-3GalNAc	T antigen
41	Fuca1-2Galβ1-4Glc	2'FL	91	GalNAcα1-3Gal	Adi
42	Galβ1-3Galβ1-3GlcNAc	Linear B-2 Tri (Blood Group B Type 2 Linear Tri)	92	GalNAcα1-3Galβ1-4Glc	α-D-N-Acetylgalactosaminyl 1-3 galactose β 1-4 glucose
43	Galα1-4Galβ1-4GlcNAc	P1 antigen Tri	93	Galβ1-6Gal	β 1-6 galactobiose
44	Fuca1-2Galβ1-3GlcNAc	Blood group H Trisaccharide	94	GalNAcα1-3GalNAc	Forsman disaccharide
45	GalNAcα1-3-(Fuca1-2)Gal	Blood group A Trisaccharide	95	GalNAcβ1-4Gal	Receptor for pilli of Pseudomonas aeruginosa
46	Galα1-3-(Fuca1-2)Gal	Blood group B Trisaccharide	96	Galβ1-3GalNAcβ1-3Galα1-4Galβ1-4Glc	Stage-specific Embryonic Antigen 3 (SSEA-3)
47	Galβ1-3GlcNAcβ1-3Galβ1-4Glc	Lacto-N-tetraose (LNT)	97	Fuca1-2Galβ1-3GalNAcβ1-3Galα1-4Galβ1-4Glc	Globo-H
48	Galβ1-4GlcNAcβ1-3Galβ1-4Glc	Lacto-N-neotetraose (LNnT)	98	Mana1-6(Mana1-3)Mana1-6(Mana1-2Mana1-3)Manβ1-4GlcNAcβ1-4GlcNAc	MAN-6; (Man)6(GlcNAc)2
49	Galα1-3Galβ1-4Galβ1-3Gal	Gal4	99	[Mana1-2]Mana1-6(Mana1-3)Mana1-6(Mana1-2Mana1-3)Manβ1-4GlcNAcβ1-4GlcNAc (3 isomers)	MAN-7; (Man)7(GlcNAc)2
50	Glcα1-4Glcα1-4Glcα1-4Glc	Maltotetraose	100	[Mana1-2] [Mana1-2] Mana1-6(Mana1-3)Mana1-6(Mana1-2Mana1-3)Manβ1-4GlcNAcβ1-4GlcNAc (3 isomers)	MAN-8; (Man)8(GlcNAc)2