

Trivial name	Presentatio n	Glycans	Co.	Cat#
α Fuc	PAA	Fuc α 1-PAA	Glycotech	01-007
Fuc α 2Gal	PAA	Fuc α 1-2Gal β 1-PAA	Glycotech	01-019
Fuc α 3GlcNAc	PAA	Fuc α 1-3GlcNAc β 1-PAA	Glycotech	01-024
Fuc α 4GlcNAc	PAA	Fuc α 1-4GlcNAc β 1-PAA	Glycotech	01-025
H type1	PAA	Fuc α 1-2Gal β 1-3GlcNAc β 1-PAA	Glycotech	01-037
H type2	PAA	Fuc α 1-2Gal β 1-4GlcNAc β 1-PAA	Glycotech	08-034
H type3	PAA	Fuc α 1-2Gal β 1-3GalNAc β 1-PAA	Glycotech	08-060
A	PAA	GalNAc α 1-3(Fuc α 1-2)Gal β 1-4GlcNAc β 1-PAA	Glycotech	08-091
B	PAA	Gal α 1-3(Fuc α 1-2)Gal β 1-4GlcNAc β 1-PAA	Glycotech	08-092
Le ^a	PAA	Gal β 1-3(Fuc α 1-4)GlcNAc β 1-PAA	Glycotech	01-035
[3S]Le ^a	PAA	(3OSO ₂)Gal β 1-3(Fuc α 1-4)GlcNAc β 1-PAA	Glycotech	01-040
Le ^b	PAA	Fuc α 1-2Gal β 1-3(Fuc α 1-3)GlcNAc β 1-PAA	Glycotech	08-042
Le ^c	PAA	Gal β 1-4(Fuc α 1-3)GlcNAc β 1-PAA	Glycotech	01-036
Le ^d	PAA	Fuc α 1-2Gal β 1-4(Fuc α 1-3)GlcNAc β 1-PAA	Glycotech	08-043
α Neu5Ac	PAA	Neu5Ac α 2-PAA	Glycotech	01-012
α Neu5Gc	PAA	Neu5Gc α 2-PAA	Glycotech	01-051
Sia2	PAA	Neu5Ac α 2-8Neu5Ac α 2-PAA	Glycotech	08-064
Sia3	PAA	Neu5Ac α 2-8Neu5Ac α 2-8Neu5Ac α 2-PAA	Glycotech	01-081
3'Siale ^a	PAA	Neu5Ac α 2-3Gal β 1-3GlcNAc β 1-PAA	Glycotech	01-078
3'SL	PAA	Neu5Ac α 2-3Gal β 1-4Glc β 1-PAA	Glycotech	01-038
3'SLN	PAA	Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-PAA	Glycotech	01-077
sLe ^a	PAA	Neu5Ac α 2-3Gal β 1-3(Fuc α 1-4)GlcNAc β 1-PAA	Glycotech	08-044
sLe ^b	PAA	Neu5Ac α 2-3Gal β 1-4(Fuc α 1-3)GlcNAc β 1-PAA	Glycotech	01-045
6'SL	PAA	Neu5Ac α 2-6Gal β 1-4Glc β 1-PAA	Glycotech	01-039
FET	Glycoprotein	Fetuin (Complex-type N-glycans and O-glycans)	Sigma	F3004
AGP	Glycoprotein	α 1-acid glycoprotein (Complex-type N-glycans)	Sigma	G9885
TF	Glycoprotein	Transferrin (Complex-type N-glycans)	Sigma	T3309
TG	Glycoprotein	Porcine thyroglobulin (Complex and high-mannose-type N-glycans)	Sigma	T1126
β Gal	PAA	Gal β 1-PAA	Glycotech	01-004
[3S] β Gal	PAA	(3OSO ₂)Gal β 1-PAA	Glycotech	01-015
A-di	PAA	GalNAc α 1-3Gal β 1-PAA	Glycotech	01-017
Lac	PAA	Gal β 1-4Glc β 1-PAA	Glycotech	01-021
Le ^e	PAA	Gal β 1-3GlcNAc β 1-PAA	Glycotech	01-020
[3'S]Le ^e	PAA	(3OSO ₂)Gal β 1-3GlcNAc β 1-PAA	Glycotech	01-062
LN	PAA	Gal β 1-4GlcNAc β 1-PAA	Glycotech	01-022
[3'SLN	PAA	(3OSO ₂)Gal β 1-4GlcNAc β 1-PAA	Glycotech	01-061
[6'SLN	PAA	Gal β 1-4(6OSO ₂)GlcNAc β 1-PAA	Glycotech	01-066
[6'SLN	PAA	(6OSO ₂)Gal β 1-4GlcNAc β 1-PAA	Glycotech	01-068
β GalNAc	PAA	GalNAc β 1-PAA	Glycotech	01-011
di-GalNAc β	PAA	GalNAc β 1-3GalNAc β 1-PAA	Glycotech	01-070
LDN	PAA	GalNAc β 1-4GlcNAc β 1-PAA	Glycotech	01-057
GA2	PAA	GalNAc β 1-4Gal β 1-4Glc β 1-PAA	Glycotech	08-074
Asialo-FET	Glycoprotein	Asialo fetuin (Desialylated complex-type N- and O-glycans)	Sigma	F3004 (Acid-treated)
Asialo-AGP	Glycoprotein	Asialo α 1-acid glycoprotein (Desialylated complex-type N-glycans)	Sigma	G9885 (Acid-treated)
Asialo-TF	Glycoprotein	Asialo transferrin (Desialylated complex-type N-glycans)	Sigma	T3309 (Acid-treated)
Asialo-TG	Glycoprotein	Asialo porcine thyroglobulin (Desialylated complex-type N-glycans, high-mannose-type N-glycans)	Sigma	T1126 (Acid-treated)
β GlcNAc	PAA	GlcNAc β -PAA	Glycotech	01-009
[6S] β GlcNAc	PAA	(6OSO ₂)GlcNAc β -PAA	Glycotech	01-016
Agalacto-Fet	Glycoprotein	Agalacto fetuin (Agalactosylated complex-type N- and O-glycans)	Sigma	F3004 (Galactosidase-treated)
Agalacto-AGP	Glycoprotein	Agalacto α 1-acid glycoprotein (Agalactosylated complex-type N-glycans)	Sigma	G9885 (Galactosidase-treated)
Agalacto-TF	Glycoprotein	Agalacto transferrin (Agalactosylated complex-type N-glycans, high-mannose-type N-glycans)	Sigma	T3309 (Galactosidase-treated)
OVm	Glycoprotein	Ovomucoid (Complex-type N-glycans)	Sigma	T2011
OVA	Glycoprotein	Ovoalbumin (Hybrid-type N-glycans)	Sigma	A2512
α Man	PAA	Man α 1-PAA	Glycotech	01-005
rMan	PAA	Man β 1-PAA	Glycotech	01-050
[6P]Man	PAA	(6OPO ₂)Man α 1-PAA	Glycotech	01-006
INV	Glycoprotein	Yeast invertase (High mannose-type N-glycans)	Sigma	I4504
Tn	PAA	GalNAc β 1-PAA	Glycotech	01-010
Core1	PAA	Gal β 1-3GalNAc α 1-PAA	Glycotech	08-023
Core2	PAA	Gal β 1-3(GlcNAc β 1-6)GalNAc α 1-PAA	Glycotech	01-083
Core3	PAA	GlcNAc β 1-3GalNAc α 1-PAA	Glycotech	01-071
Core4	PAA	GlcNAc β 1-3(GlcNAc β 1-6)GalNAc α 1-PAA	Glycotech	01-089
Forsman	PAA	GalNAc β 1-3GalNAc α 1-PAA	Glycotech	01-026
Core6	PAA	GlcNAc β 1-6GalNAc α 1-PAA	Glycotech	01-072
Core8	PAA	Gal α 1-3GalNAc α 1-PAA	Glycotech	01-028
[3'S]Core1	PAA	(3OSO ₂)Gal β 1-3GalNAc α 1-PAA	Glycotech	08-069
Gal β -Core3	PAA	Gal β 1-4GlcNAc β 1-3GalNAc α 1-PAA	Glycotech	01-116
Asialo-BSM	Glycoprotein	Asialo bovine submaxillary mucin (Tn)	Sigma	M3895 (Acid-treated)
Asialo-GP	Glycoprotein	Asialo human glycophorin MN (T)	Sigma	A9791 (Acid-treated)
STn	PAA	Neu5Ac α 2-6GalNAc α 1-PAA	Glycotech	01-059
STn(Gc)	PAA	Neu5Gc α 2-6GalNAc α 1-PAA	Glycotech	01-107
ST	PAA	Neu5Ac α 2-3Gal β 1-3GalNAc α 1-PAA	Glycotech	01-088
Sia α 2-6Core 1	PAA	Gal β 1-3(Neu5Ac α 2-6)GalNAc α 1-PAA	Glycotech	01-113
BSM	Glycoprotein	Bovine submaxillary mucin (Sialyl Tn)	Sigma	M3895
GP	Glycoprotein	Human glycophorin (Disialyl T and sialyl Tn)	Sigma	G5017
α Gal	PAA	Gal α 1-PAA	Glycotech	01-003
Gal α 1-2Gal	PAA	Gal α 1-2Gal β 1-PAA	Glycotech	01-056
Gal α 1-3Gal	PAA	Gal α 1-3Gal β 1-PAA	Glycotech	01-018
Gal α 1-3Lac	PAA	Gal α 1-3Gal β 1-4Glc β 1-PAA	Glycotech	01-075
Gal α 1-3LN	PAA	Gal α 1-3Gal β 1-4GlcNAc β 1-PAA	Glycotech	01-079
Gal α 1-4LN	PAA	Gal α 1-4Gal β 1-4GlcNAc β 1-PAA	Glycotech	01-110
Melibiose	PAA	Gal α 1-6Glc β 1-PAA	Glycotech	01-063
α Glc	PAA	Glc α 1-PAA	Glycotech	01-001
β Glc	PAA	Glc β 1-PAA	Glycotech	01-002
Maltose	PAA	Glc α 1-4Glc β 1-PAA	Glycotech	01-054
HA	BSA	Hyaluronic acid-BSA	Seikagaku	400720
CSA	BSA	Chondroitin Sulfate A-BSA	Seikagaku	400655
CSB	BSA	Chondroitin Sulfate B-BSA	Seikagaku	400660
HS	BSA	Heparan Sulfate-BSA	Seikagaku	400700
HP	BSA	Heparin-BSA	Calbiochem	375095
KS	BSA	Keratan Sulfate-BSA	Seikagaku	400760
α Rha	PAA	Rhamnose α 1-PAA	Glycotech	01-008
Mannan (SC)	Glycoprotein	<i>S. cerevisiae</i> mannan	Sigma	M7504
Mannan (CA)	Glycoprotein	<i>C. albicans</i> mannan	Takara	MG001
Zyмосan	Glycoprotein	Zyмосan	Sigma	Z4250
Chitobiose	PAA	GlcNAc β 1-4GlcNAc β 1-PAA	Glycotech	08-057
BSA	Glycoprotein	-	Sigma	A7638
Negative PAA	PAA	-	Glycotech	01-000

Takahara *et al.* Fig. S1.

Precise information of ligands on the glyco-microarray.