

Lectins & Glyscope

amsbio

for Analysis of Sugar Chains

Lectins are sugar-binding proteins with high specificity for particular sugar moieties. Lectins are useful for not only physiological and functional studies, but also research on complex carbohydrate sugar chains.



- Compatible with general-purpose machines in your laboratory
- Rapid Analysis
- Can analyse sugars with HPLC

I want to:

Know whether sugar chain exists or not

- Glyscope detection kit for sugar chain "G.P Sensor"

Know rough structure of sugar chain

- Glyscope sugar chain labelling kit "ABOE Labelling Kit"
- Glyscope sialic acid analysis kit "ABEE Labelling Kit Plus 5"
- Glyscope column for sugar analysis "Honenpak c18"

Know whether sugar chain exists or not

- Glyscope detection kit for sugar chain "G.P Sensor"

Know rough structure of sugar chain

- Glyscope sugar chain labelling kit "ABOE Labelling Kit"
- Glyscope sialic acid analysis kit "ABEE Labelling Kit Plus 5"
- Glyscope column for sugar analysis "Honenpak c18"
- Glyscope Lectin staining kit "Sensor Plus C"
- Labelled Lectins (Biotin – FITC – HRP)
- Agarose Lectins

Analyse sugar chain and saccharide

- Glyscope column for sugar analysis "Honenpak c18"
- Agarose Lectins
- Lectin chromatography columns for HPLC
- Glyscope column for sialic acid analysis "Serotonin-HPLC Column"

Choose the products you need:

I want to:

Purify the samples

- Agarose Lectins
- Lectin HPLC Column

Type of your sample

Crude Extract
(Serum, culture)

Purified Extract
(Purified with HPLC etc).

Sugar Chain

Labelled - sugar Chain

Purified
Labelled - sugar Chain

Label Sugar Chain

- Glyscope sugar chain labelling kit "ABOE Labelling Kit"
- Glyscope sugar labelling kit "ABEE Labelling kit"
- Glyscope sialic acid analysis kit "ABEE Labelling Kit Plus 5"

Isolate and purify sugar chain

- Glyscope column for sugar analysis "Honenpak c18"
- Lectin chromatography columns for HPLC
- Glyscope column for sialic acid analysis "Serotonin-HPLC Column"

Lectins Specific to Fucose (Fuc)

Description	Label	Cat. No.	Quantity	Storage
Aleuria aurantia [AAL]	Unconjugated	AMS.JOM-J101	2 MG	4° C
	Biotin	AMS.JOM-J201	1 MG	-20° C
	Agarose	AMS.JOM-J301	1 ML	4° C
	FITC	AMS.JOM-J501	1 MG	-20° C
Lotus tetragonolobus [Lotus]	Unconjugated	AMS.JOM-J109	5 MG	4° C
	Biotin	AMS.JOM-J209	1 MG	-20° C
	Agarose	AMS.JOM-J309	5 ML	4° C
	FITC	AMS.JOM-J509	1 MG	-20° C
Ulex europaeus [UEA-I]	Unconjugated	AMS.JOM-J119	2 MG	4° C
	Biotin	AMS.JOM-J219	1 MG	-20° C
	Agarose	AMS.JOM-J319	2 ML	4° C
	HRP	AMS.JOM-J419	1 MG	-20° C
	FITC	AMS.JOM-J519	1 MG	-20° C
Lens culinaris [LCA]	Unconjugated	AMS.JOM-J107	5 MG	4° C
	Biotin	AMS.JOM-J207	1 MG	-20° C
	Agarose	AMS.JOM-J307	5 ML	4° C
	HRP	AMS.JOM-J407	1 MG	-20° C
	FITC	AMS.JOM-J507	1 MG	-20° C
Lens culinaris [LCA-A(isolectin A)]	Unconjugated	AMS.JOM-J108	5 MG	4° C
Pisum sativum [PSA]	Unconjugated	AMS.JOM-J115	5 MG	4° C
	Agarose	AMS.JOM-J315	2 ML	4° C

Lectins Specific to Galactose (Gal)/N-acetylgalactosamine (GalNAc)

Description	Label	Cat. No.	Quantity	Storage
Agaricus bisporus [ABA]	Unconjugated	AMS.JOM-J102	5 MG	4° C
	Biotin	AMS.JOM-J202	1 MG	-20° C
	FITC	AMS.JOM-J502	1 MG	-20° C
Arachis hypogaea (peanut) [PNA]	Unconjugated	AMS.JOM-J114	5 MG	4° C
	Biotin	AMS.JOM-J214	1 MG	-20° C
	Agarose	AMS.JOM-J314	2 ML	4° C
	HRP	AMS.JOM-J414	1 MG	-20° C
	FITC	AMS.JOM-J514	1 MG	-20° C
Dolichos biflorus [DBA]	Unconjugated	AMS.JOM-J104	5 MG	4° C
	Biotin	AMS.JOM-J204	1 MG	-20° C
	HRP	AMS.JOM-J404	1 MG	-20° C
	FITC	AMS.JOM-J504	1 MG	-20° C
Erythrina cristagalli [ECA]	Unconjugated	AMS.JOM-J106	5 MG	4° C
	Biotin	AMS.JOM-J206	1 MG	-20° C
	Agarose	AMS.JOM-J306	2 ML	4° C
Glycine max (soybean) [SBA]	Unconjugated	AMS.JOM-J117	5 MG	4° C
	Biotin	AMS.JOM-J217	1 MG	-20° C
	Agarose	AMS.JOM-J317	5 ML	4° C
	HRP	AMS.JOM-J417	1 MG	-20° C
	FITC	AMS.JOM-J517	1 MG	-20° C
Phaseolus vulgaris [PHA-E4]	Unconjugated	AMS.JOM-J111	5 MG	4° C
	Biotin	AMS.JOM-J211	1 MG	-20° C
	Agarose	AMS.JOM-J311-2ML	2 ML	4° C
	Agarose	AMS.JOM-J311-5ML	2 ML	4° C
	HRP	AMS.JOM-J411	1 MG	-20° C
	FITC	AMS.JOM-J511	1 MG	-20° C
Phaseolus vulgaris [PHA-L4]	Unconjugated	AMS.JOM-J112	5 MG	4° C
	Biotin	AMS.JOM-J212	1 MG	-20° C
	Agarose	AMS.JOM-J312	5 ML	4° C
	HRP	AMS.JOM-J412	1 MG	-20° C
	FITC	AMS.JOM-J512	1 MG	-20° C
Phaseolus vulgaris [PHA-P]	Unconjugated	AMS.JOM-J113	50 MG	4° C

Lectins Specific to Mannose (Man)

Description	Label	Cat. No.	Quantity	Storage
Canavalia ensiformis (jack bean) [Con A]	Unconjugated	AMS.JOM-J103	500 MG	4° C
	Biotin	AMS.JOM-J203	5 MG	-20° C
	Agarose	AMS.JOM-J303-100ML	100 ML	4° C
	Agarose	AMS.JOM-J303-10ML	10 ML	4° C
	HRP	AMS.JOM-J403	2 MG	-20° C
	FITC	AMS.JOM-J503	10 MG	-20° C
Lens culinaris [LCA]	Unconjugated	AMS.JOM-J107	5 MG	4° C
	Biotin	AMS.JOM-J207	1 MG	-20° C
	Agarose	AMS.JOM-J307	5 ML	4° C
	HRP	AMS.JOM-J407	1 MG	-20° C
	FITC	AMS.JOM-J507	1 MG	-20° C
Lens culinaris [LCA-A(isolectin A)]	Unconjugated	AMS.JOM-J108	5 MG	4° C
Pisum sativum [PSA]	Unconjugated	AMS.JOM-J115	5 MG	4° C
	Agarose	AMS.JOM-J315	2 ML	4° C

Lectins Specific to N-acetylglucosamine (GlcNAc)

Description	Label	Cat. No.	Quantity	Storage
Datura stramonium [DSA]	Unconjugated	AMS.JOM-J105	5 MG	4° C
	Biotin	AMS.JOM-J205	1 MG	-20° C
	Agarose	AMS.JOM-J305	2 ML	4° C
	HRP	AMS.JOM-J405	1 MG	-20° C
	FITC	AMS.JOM-J505	1 MG	-20° C
Phytolacca americana [PWM]	Unconjugated	AMS.JOM-J116	5 MG	4° C
	Agarose	AMS.JOM-J316	2 ML	4° C
Triticum vulgare(wheat germ) [WGA]	Unconjugated	AMS.JOM-J120	5 MG	4° C
	Biotin	AMS.JOM-J220	1 MG	-20° C
	Agarose	AMS.JOM-J320-2ML	2 ML	4° C
	Agarose	AMS.JOM-J320-5ML	2 ML	4° C
	HRP	AMS.JOM-J420	1 MG	-20° C
	FITC	AMS.JOM-J520	1 MG	-20° C

Lectins Specific to Sialic Acid (Sia)

Description	Label	Cat. No.	Quantity	Storage
Maackia amurensis [MAM]	Unconjugated	AMS.JOM-J110	2 MG	4° C
	Biotin	AMS.JOM-J210	1 MG	-20° C
	Agarose	AMS.JOM-J310	2 ML	4° C
	FITC	AMS.JOM-J510	1 MG	-20° C
Sambucus sieboldiana [SSA]	Unconjugated	AMS.JOM-J118	5 MG	4° C
	Biotin	AMS.JOM-J218	1 MG	-20° C
	Agarose	AMS.JOM-J318	2 ML	4° C
	FITC	AMS.JOM-J518	1 MG	-20° C
Triticum vulgare(wheat germ) [WGA]	Unconjugated	AMS.JOM-J120	5 MG	4° C
	Biotin	AMS.JOM-J220	1 MG	-20° C
	Agarose	AMS.JOM-J320-2ML	5 ML	4° C
	Agarose	AMS.JOM-J320-5ML	5 ML	4° C
	HRP	AMS.JOM-J420	1 MG	-20° C
	FITC	AMS.JOM-J520	1 MG	-20° C

GlyScope

Description	Label	Cat. No.	Quantity	Storage
GlyScope Sensor plus C, Lectin staining kit		AMS.JOM-J701	1 kit	4° C
GlyScope G.P.Sensor		AMS.JOM-J702	1 kit	4° C
GlyScope Chitooligo-Agarose		AMS.JOM-J703	5 ML	4° C
GlyScope Fucose-Agarose		AMS.JOM-J704	5 ML	4° C
GlyScope Lactose-Agarose		AMS.JOM-J705	5 ML	4° C
GlyScope Maltose-Agarose		AMS.JOM-J706	5 ML	4° C
GlyScope Melbiose-Agarose		AMS.JOM-J707	5 ML	4° C
GlyScope Carbohydr-Agarose Set		AMS.JOM-J708	1 set	4° C
GlyScope Serotonin-HPLC Column		AMS.JOM-J709-L	1 PC	RT
GlyScope Serotonin-HPLC Column Short		AMS.JOM-J709-S	1 PC	RT
GlyScope ABEE Labeling Kit		AMS.JOM-J710	1 kit (100 tests)	-20° C
GlyScope ABEE Labeling Kit Plus S		AMS.JOM-J711	1 kit (20 tests)	-20° C
GlyScope Solvent Set (for ABEE Labeling Kit)		AMS.JOM-J712	1 set	RT
GlyScope Monosaccharide Mixture-5 (for ABEE Labeling Kit)		AMS.JOM-J713	0.5 ML	-20° C
GlyScope Monosaccharide Mixture-11 (for ABEE Labeling Kit)		AMS.JOM-J714	0.5 ML	-20° C
GlyScope Honenpak C18 (for ABEE Labeling Kit)		AMS.JOM-J715	1 PC	RT
GlyScope ABOE Labeling Kit		AMS.JOM-J716	1 kit (16 tests)	-20° C

HPLC Columns

Description	Label	Cat. No.	Quantity	Storage
Aleuria aurantia-HPLC Column [AAL]		AMS.JOM-J601-L	1 PC	RT
Aleuria aurantia-HPLC Column Short [AAL]		AMS.JOM-J601-S	1 PC	RT
Arachis hypogaea(peanut)-HPLC Column [PNA]		AMS.JOM-J614	1 PC	RT
Phaseolus vulgaris-HPLC Column [PHA-E4]		AMS.JOM-J611	1 PC	RT
Canavalia ensiformis(jack bean)-HPLC Column [Con A]		AMS.JOM-J603	1 PC	RT
Lens culinaris-HPLC Column [LCA]		AMS.JOM-J607	1 PC	RT
Datura stramonium-HPLC Column [DSA]		AMS.JOM-J605	1 PC	RT
Triticum vulgare(wheat germ)-HPLC Column [WGA]		AMS.JOM-J620	1 PC	RT
Maackia amurensis-HPLC Column [MAM]		AMS.JOM-J610	1 PC	RT
Sambucus sieboldiana-HPLC Column [SSA]		AMS.JOM-J618	1 PC	RT

Lectin Sets

Description	Label	Cat. No.	Quantity	Storage
Lectin Set-Biotin 1 (Con A/DBA/LCA/PHA-E4/PNA/RCA120/UEA-I/WGA)	Biotin	AMS.JOM-J2S1	1 set	-20° C
Lectin Set-Biotin 2 (ABA/DSA/Lotus/MAM/PHA-L4/SBA/SSA)	Biotin	AMS.JOM-J2S2	1 set	-20° C
Lectin Set-Agarose 1(Con A/LCA/RCA120/WGA)	Agarose	AMS.JOM-J3S1	1 set	4° C
Lectin Set-Agarose 2(PHA-E4/PHA-L4/PNA/UEA-I)	Agarose	AMS.JOM-J3S2	1 set	4° C
Lectin Set-Agarose 3(AAL/DSA/MAM/SSA)	Agarose	AMS.JOM-J3S3	1 set	4° C
Lectin Set-Agarose 1(for elution) Sugar Set-1	-	AMS.JOM-J3S4	1 set	4° C
Lectin Set-Agarose 2(for elution) Sugar Set-2	-	AMS.JOM-J3S5	1 set	4° C
Lectin Set-Agarose 3(for elution) Sugar Set-3	-	AMS.JOM-J3S6	1 set	4° C
Lectin Set-HRP 1,(ConA, LCA, PHA-E4,PNA,RCA120,WGA)	HRP	AMS.JOM-J4S1	1 set	-20° C
Lectin Set-HRP 2,(CON A, DBA, LCA, PHA-E4, PNA, RCA120, UEA-I, WGA)	HRP	AMS.JOM-J4S2	1 set	-20° C
Lectin Set-FITC 1(Con A/DBA/LCA/PHA-E4/PNA/RCA120/UEA-I/WGA)	FITC	AMS.JOM-J5S1	1 set	-20° C
Lectin Set-FITC 2(ABA/DSA/Lotus/MAM/PHA-L4/SBA/SSA)	FITC	AMS.JOM-J5S2	1 set	-20° C

Antibodies

Description	Label	Cat. No.	Quantity	Storage
Lectin Anti-H	Unconjugated	AMS.JOM-J121	8 ML	4° C
Lectin Anti-H Strong	Unconjugated	AMS.JOM-J122	2 ML	4° C