

Lectins

major Lectins

See [related products](#) for more lectins.

Lectin Symbol	Lectin Name	Source	Ligand motif
Mannose binding lectins			
Con A	Concanavalin A	<i>Canavalia ensiformis</i>	branched α -mannosidic structures; high-mannose type, hybrid type and biantennary complex type N-Glycans
LCH	Lentil lectin	<i>Lens culinaris</i>	Fucosylated core region of bi- and triantennary complex type N-Glycans
GNA	Snowdrop lectin	<i>Galanthus nivalis</i>	α 1-3 and α 1-6 linked high mannose structures
Galactose / N-acetylgalactosamine binding lectins			
RCA	Ricinus communis Agglutinin, ricine, RCA ₁₂₀	<i>Ricinus communis</i>	Gal β 1-4GlcNAc β 1-R
PNA	Peanut Agglutinin	<i>Arachis hypogaea</i>	Gal β 1-3GalNAc α 1-Ser/Thr (T-Antigen)
AIL	Jacalin	<i>Artocarpus integrifolia</i>	(Sia)Gal β 1-3GalNAc α 1-Ser/Thr (T-Antigen)
VVL	Hairy vetch lectin	<i>Vicia villosa</i>	GalNAc α -Ser/Thr (Tn-Antigen)
Sialic acid / N-acetylglucosamine binding lectins			
WGA	Wheat Germ agglutinin	<i>Triticum vulgare</i>	GlcNAc β 1-4GlcNAc β 1-4GlcNAc, Neu5Ac (sialic acid)
SNA	Elderberry lectin	<i>Sambucus nigra</i>	Neu5Ac α 2-6Gal(NAc)-R
MAL	Maackia amurensis lectin	<i>Maackia amurensis</i>	Neu5Ac/Gc α 2-3Gal β 1-4GlcNAc β 1-R
Fucose binding lectins			
UEA	Ulex europaeus agglutinin	<i>Ulex europaeus</i>	Fuca1-2Gal-R
AAL	Aleuria aurantia lectin	<i>Aleuria aurantia</i>	Fuca1-2Gal β 1-4(Fuca1-3/4)Gal β 1-4GlcNAc; R2-GlcNAc β 1-4(Fuca1-6)GlcNAc-R1

Labeled lectins selection

See [BioSciences Innovations catalogue](#) and [e-search tool](#).

- [Lectin List](#) (or search [conjugated lectins](#))
- ConA-Biotin, [FP-MS9690](#)
- ConA-FITC, [FP-47496A](#)
- ConA-Cy3, [FP-WT8680](#)
- ConA-Cy5, [FP-WT8680](#)
- GS-I-FITC, [FP-MS9020](#)
- PNA-FITC, [FP-BV4181](#)
- WGA-biotin, [FP-MS5730](#)
- WGA-FITC, [FP-CE8070](#)
- WGA-SR101, [FP-MS9540](#)

List of available lectins

Abrus Precatorius Lectin (Jequirity Bean)

-APA-

Lens Culinaris Lectin (Lentil)

-LCH-

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FT-MS902z

Aegopodium Podagraria Lectin (Ground Elder)	-APP-	Limax Flavus Lectin (Garden Slug)	-LFA-
Agaricus Bisporus Lectin (Mushroom)	-ABA-	Limulus Polyphemus Lectin (Horseshoe Crab)	-LPA-
Allium Sativum Lectin (Garlic)	-ASA-	Lotus Tetragonolobus Lectin (Asparagus Pea)	-LOTUS-
Anguilla Anguilla Lectin (Fresh Water Eel)	-AAA-	Lris Hybrid Lectin (Dutch Iris)	-IRA-
Arachis Hypogaea Lectin (Peanut)	-PNA-	Lycopersicon Esculentum Lectin (Tomato)	-LEA-
Artocarpus Integrifolia Lectin (Jackfruit) -Jacalin		Maackia Amurensis Lectin	-MAA-
Bauhinia Purpurea Lectin (Camel's Foot Tree)	-BPA-	Maclura Pomifera Lectin (Osage Orange)	-MPA-
Bauhinia Purpurea Lectin	-BPA-	Marasmius Oreades Agglutinin Lectin (Mushroom)	-MOA-
Bryonia Dioica Lectin (White Bryony)	-BDA-	Morniga G Lectin (Black Mulberry)	-MNA-G-
Calystega Sepiemb Lectin (Hedge Bindweed Rhizomes)	-CALSEPA-	Morniga M Lectin (Black Mulberry)	-MNA-M-
Canavalia Ensiformis Lectin (Jackbean)	-CON A-	Narcissus Pseudonarcissus Lectin (Daffodil)	-NPA-
Cancer Antennarius Lectin (California Crab)	-CCA-	Phaseolus Lunatus Lectin (Lima Bean)	-LBA-
Caragana Arborescens Lectin (Pea Tree)	-CAA-	Phaseolus Vulgaris Lectin (Red Kidney Bean)	-PHA-E-
Cicer Arietinum Lectin (Chick Pea)	-CPA-	Phaseolus Vulgaris Lectin (Red Kidney Bean)	-PHA-L-
Colchicum Autumnale Lectin (Meadow Saffron)	-CA-	Phytolacca Americana Lectin (Pokeweed)	-PWM-
Cytisus Sessilifolius Lectin (Portugal Broom)	-CSA-	Pisum Sativum Lectin (Garden Pea)	-PEA-
Datura Stramonium Lectin (Jimson Weed)	-DSA-	Polygonatum Multiflorum Lectin (Common Solomon's Seal)	-PMA-
Dioclea Grandiflora Lectin (Legume)	-DGL-	Polyporus Squamosus Lectin (Mushroom)	-PSL-
Dolichos Biflorus Lectin (Horse Gram)	-DBA-	Ricinus Communis Lectin (Castor Bean)	-RCA-I-
Erythrina Cristagalli Lectin (Coral Tree)	-ECA-	Ricinus Communis Lectin (Castor Bean)	-RCA-II-
Euonymus Europaeus Lectin (Spindle Tree)	-EEA-	Triticum Vulgare Lectin (Wheat Germ)	-WGA-
Galanthus Nivalis Lectin (Snowdrop Bulb)	-GNA-	Tulipa Sp. Lectin (Tulip)	-TL-
Glechoma Hederacea Lectin (Ground Ivy)	-GHA-	Ulex Europaeus Lectin (Gorse)	
Glycine Max Lectin (Soybean)	-SBA-	Ulex Europaeus Lectin (Gorse)	
Griffonia Simplicifolia Lectin	-GS-I-	Urtica Dioica Lectin (Stinging Nettle)	-UDA-
Griffonia Simplicifolia Lectin	-GS-II-	Vicia Fava Lectin (Fava Bean)	-VFA-
Helix Aspersa Lectin (Garden Snail)	-HAA-	Vicia Villosa Lectin (Hairy Vetch)	-VVA-
Helix Pomatia Lectin (Edible Snail)	-HPA-	Viscum Album Lectin (Mistletoe)	-VAA-
Hippeastrum Hybrid Lectin (Amaryllis)	-HHA-	Wisteria Floribunda Lectin (Japanese Wisteria)	-WFA-

Ordering information

[Catalog size quantities and prices may be found at www.interchim.com/](http://www.interchim.com/)

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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