www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

VICIA VILLOSA LECTIN (VVL, VVA), UNCONJUGATED

SKU: L-1230-5



DESCRIPTION

VVL recognizes preferentially α- or β-linked terminal *N*-acetylgalactosamine, especially a single α-*N*-acetylgalactosamine residue linked to serine or threonine in a polypeptide (the Tn antigen). Evidence suggests that this lectin also may require specific amino acid sequences at the receptor site of glycosylation. The disaccharide galactosyl (α-1,3) *N*-acetylgalactosamine is also a potent inhibitor of this lectin.

SPECIFICATIONS

Molecular Weight	105
Extinction Coefficient	0.78
Inhibiting or Eluting Sugar	GalNAc
Unit Size	5 mg
Storage Instructions	2-8 °C

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Sugar Specificity	Terminal GalNAc and terminal LacdiNAc
Usage Summary	Although many buffers can be employed for reconstituting this lectin, we recommend 10 mM HEPES buffered saline, pH 8.5, 0.1 mM CaCl2. For preserving solutions stored at 4 ºC, 0.08% sodium azide can be used.
Applications	Glycobiology
Conjugate	Unconjugated

TECHNICAL INFORMATION

This lectin is a family of tetrameric glycoproteins consisting of combinations of A and B subunits similar in structure to PHA and GSL I. The dominant isolectins in our preparations appear to be B subunit-rich.

Inhibiting/Eluting Sugar: 200 mM *N*-acetylgalactosamine

CITATIONS

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DOCUMENTS

- Lectins in Histochemistry, ELISA, and Western Blot Applications
- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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