Active Native Vicia Villosa Lectin Protein, Fluorescein labeled

Cat. No. Lectin-1857V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Agarose bound Vicia Villosa Lectin and has sugar specificity against N-Acetylgalactosamine. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
Species	Vicia Villosa
Source	Vicia Villosa
Description	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. 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.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca2+
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine
Molecular Mass	102 kDa - 144 kDa
Applications	Immunofluorescence, Glycobiology

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Usage	The recommended concentration range for use is 5-20 g/ml.
Storage	Refrigerate in the dark. If a precipitate forms upon long-term storage, warm to 37 centigrade.
Concentration	2 mg/ml

GENE INFORMATION

Synonyms	Lectin; VVL; VVA
UniProt ID	P56625

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA