

Native Hairy vetch *Vicia villosa* Lectin (VVL/VVA)

Cat. No. VVL/VVA-748H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	<p>Native Hairy vetch <i>Vicia villosa</i> Lectin (VVL/VVA) - Pure</p> <p>Blood Group Specificity: Tn antigen</p> <p>Preferred Sugar Specificity: N-Acetylgalactosamine</p> <p>Inhibiting or Eluting Sugar: N-Acetylgalactosamine</p> <p>Divalent Ions: Ca⁺⁺, Mn⁺⁺</p> <p>Mitogenic Activity: No</p> <p>Hazardous Shipping: Non-hazardous</p>
Species	Hairy vetch
Source	Hairy vetch
Description	<p>Affinity purified <i>Vicia villosa</i> lectin or agglutinin (VVL/VVA) is a tetramer composed of four subunits. VVL consists of A and B subunits, with a dominant isolectin that appears to be B subunit-rich. A4 isolectin agglutinates specifically A1 erythrocytes. B4 isolectin does not agglutinate A, B, or O-erythrocytes; however, B4 binds the Tn antigen, a molecule expressed on the surface of most tumor cells. A2B2 and similar tetramer isolectins display properties characteristic of both A4 and B4 isolectins.</p>
Form	Lyophilized
Molecular Mass	144 kDa
Purity	High Purity Grade

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Storage At -20 centigrade.

GENE INFORMATION

Official Symbol VVL/VVA

Synonyms Vicia villosa Lectin; VVL/VVA

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