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

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

## SPECIFICATION

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| **Product Overview** | Native Hairy vetch Vicia villosa Lectin (VVL/VVA) - Pure<br>Blood Group Specificity: Tn antigen<br>Preferred Sugar Specificity: N-Acetylgalactosamine<br>Inhibiting or Eluting Sugar: N-Acetylgalactosamine<br>Divalent Ions: Ca++, Mn++<br>Mitogenic Activity: No<br>Hazardous Shipping: Non-hazardous |
| **Species** | Hairy vetch |
| **Source** | Hairy vetch |
| **Description** | Affinity purified Vicia villosa 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 isolections. |
| **Form** | Lyophilized |
| **Molecular Mass** | 144 kDa |
| **Purity** | High Purity Grade |

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| **Storage** | At -20 centigrade. |

## GENE INFORMATION

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| **Official Symbol** | VVL/VVA |
| **Synonyms** | Vicia villosa Lectin; VVL/VVA |

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