Native Hairy vetch Vicia villosa Lectin (VVL/VVA), AP-Conjugated

Cat. No. VVL/VVA-045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Hairy vetch Vicia villosa Lectin (VVL/VVA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: N-Acetylgalactosamine Inhibiting or Eluting Sugar: N-Acetylgalactosamine Divalent Ions: Ca++, Mn++ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Hairy vetch
Source	Hairy vetch
Description	Alkaline phosphatase (AP) is conjugated to Vicia villosa Lectin (VVL/VVA) to show the binding of VVL/VVA in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year

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Storage	At 2-8 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

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

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