Native Fava bean Vicia faba Lectin (VFA), AP-Conjugated

Cat. No. VFA-044F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Fava bean Vicia faba Lectin (VFA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Mannose Inhibiting or Eluting Sugar: Mannose > Glucose > N-Acetylglucosamine Divalent Ions: Ca++, Mn++ Hazardous Shipping: Non-hazardous
Species	Fava bean
Source	Fava bean
Description	Alkaline phosphatase (AP) is conjugated to Vicia faba Lectin (VFA) to show the binding of VFA 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
Storage	At 2-8 centigrade.

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Concentration	1 mg/mL

GENE INFORMATION

Official Symbol	VFA
Synonyms	Vicia faba Lectin; VFA

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