

Native Garlic *Allium sativum* Lectin (ASA), AP-Conjugated

Cat. No. ASA-002G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Garlic <i>Allium sativum</i> Lectin (ASA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Mannose Inhibiting or Eluting Sugar: $\alpha(1,3)$-Linked Mannosyl Units Divalent Ions: None Required Hazardous Shipping: Non-hazardous
Species	Garlic
Source	Garlic
Description	Alkaline phosphatase (AP) is conjugated to <i>Allium sativum</i> Lectin (ASA) to show the binding of ASA 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	ASA
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Synonyms	Allium sativum Lectin; ASA
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