

Native Stinging nettle *Urtica dioica* Lectin (UDA), AP-Conjugated

Cat. No. UDA-043S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Stinging nettle <i>Urtica dioica</i> Lectin (UDA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: N-Acetylglucosamine Inhibiting or Eluting Sugar: Oligomers of $\beta(1,4)$ - linked N-Acetylglucosamine Divalent Ions: Zn⁺⁺ Hazardous Shipping: Non-hazardous
Species	Stinging nettle
Source	Stinging nettle
Description	Alkaline phosphatase (AP) is conjugated to <i>Urtica dioica</i> Lectin (UDA) to show the binding of UDA 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
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	2 mg/mL
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GENE INFORMATION

Official Symbol	UDA
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Synonyms	Urtica dioica Lectin; UDA
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