

Native Jimson weed Datura stramonium Lectin (DSA/DSL), AP-Conjugated

Cat. No. DSA/DSL-008J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jimson weed Datura stramonium Lectin (DSA/DSL) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: (N-Acetylglucosamine)2-4 Inhibiting or Eluting Sugar: Chitin Hydrolysate Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Jimson weed
Source	Jimson weed
Description	Alkaline phosphatase (AP) is conjugated to Datura stramonium Lectin (DSA/DSL) to show the binding of DSA/DSL 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

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Stability	Shelf Life: 1 year
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Storage	At 2-8 centigrade.
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Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	DSA/DSL
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Synonyms	Datura stramonium Lectin; DSA/DSL
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