Native Jimson weed Datura stramonium Lectin (DSA/DSL)

Cat. No. DSA/DSL-608J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jimson weed Datura stramonium Lectin (DSA/DSL) - Pure Blood Group Specificity: A, B, O Preferred Sugar Specificity: (N-Acetylglucosamine)2-4 Inhibiting or Eluting Sugar: Chitin Hydrolysate Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Appearance Color: White to off-white
Species	Jimson weed
Source	Jimson weed
Description	Datura stramonium agglutinin or lectin (DSA/DSL) is purified by affinity chromatography. Seeds of Datura stramonium contain at least three different carbohydrate-binding proteins, and the most prominent lectin is a dimeric glycoprotein composed of two nonidentical subunits that contains 40% carbohydrate. DSL binds well in the acidic pH range and its affinity decreases above pH 8.0. This agglutinin has blood group A, B, and O specificity. Studies have shown that DSA can act as a biomarker for neoplastic urotherial cells.
Form	Lyophilized Powder
Molecular Mass	86 kDa

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Affinity purified
Applications	Cancer biology, Glycobiology, Marker for mouse peritoneal cells
Storage	At -20 centigrade.

GENE INFORMATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA