Native Jimson weed seeds Datura stramonium Lectin (DSA/DSL), MagneZoom™-Conjugated

Cat. No. DSA/DSL-415J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jimson weed seeds Datura stramonium Lectin (DSA/DSL) - MagneZoom™ Blood Group Specificity: Non-specific Preferred Sugar Specificity: (GlcNAc) 2-4 Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Jimson weed seeds
Source	Jimson weed seeds
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 prefers binding to (GlcNAc)2-4 and elutes with the sugar chitin hydrolysate. 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. Affinity purified Datura stramonium Lectin (DSA/DSL) is immobilized on aminated paramagnetic beads using EDC and stabilized in a buffer to retain maximum activity. These beads are ideal for iP applications to pull down glycoproteins.
Form	Liquid

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Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.

GENE INFORMATION

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

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