Native Jackbean seeds Concanavalin A Lectin (Con A), MagneZoom™-Conjugated

Cat. No. Con A-414J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jackbean seeds Concanavalin A Lectin (Con A) - MagneZoom™ Blood Group Specificity: Non-specific Preferred Sugar Specificity: αMannose, αGlc Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Jackbean seeds
Source	Jackbean seeds
Description	Affinity purified concanavalin A (Con A) is composed of two identical subunits of 237 amino acid residues (MW: 26,000 without any cystine residues). It exhibits mitogenic activity with lymphocytes and cancer cells. While lymphocytes and cancer aggregate by Con A; normal white cells do not. Normal cells react to Con A after proteolytic treatment which suggests that trypsinization causes clustering of the reactive glycan residues on the membrane. Con A interacts with cell types include locust muscle fibers, adipocytes, and rat liver plasma membrane components. This lectin induces endoreduplication in mammalian cells and it reacts with E. coli, Dictyostelium discoideum and Bacillus lipopolysaccharides. Immobilized Con A has been used in affinity chromatography purifications of a wide variety of glycoproteins and cellular structures. Affinity purified Concanavalin A (Jackbean) Lectin (Con A) 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

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	glycoproteins.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.

GENE INFORMATION

Official Symbol	Con A
Synonyms	Concanavalin A Lectin; Con A

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