

Native Jackbean seeds Concanavalin A Lectin (Con A), Separopore® 4B-Conjugated

Cat. No. Con A-435J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jackbean seeds Concanavalin A Lectin (Con A) - Separopore® 4B 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). Con A does not have a blood group specificity. 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 Lectin (Con A) is immobilized to Separopore® 4B following CNBr coupling. The final product is stabilized in a buffer to retain maximum activity. The gel

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can be packed in 1 mL or 5mL.

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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