

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

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

### SPECIFICATION

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| <b>Product Overview</b> | <p>Native Jackbean seeds Concanavalin A Lectin (Con A) - Separopore® 4B</p> <p>Blood Group Specificity: Non-specific</p> <p>Preferred Sugar Specificity: αMannose, αGlc</p> <p>Mitogenic Activity: No</p> <p>Hazardous Shipping: Non-hazardous</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Jackbean seeds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Jackbean seeds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | <p>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.</p> <p>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</p> |

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

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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