

Native Concanavalin A Lectin (Con A), Separopore® 4B OnePASS™ Column-Conjugated

Cat. No. Con A-605J **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native Jackbean Concanavalin A Lectin (Con A) - Separopore® 4B OnePASS™
Column
Hazardous Shipping: Non-hazardous

Species

Jack Bean

Source

Jackbean

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. Concanavalin A Lectin (Con A) OnePASS™ Spin Column are standard Concanavalin A Lectin (Con A) matrix prepacked in a column which can be used via gravity flow or as a spin column to rapidly separate bound and passthrough materials.

 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	High Purity Grade
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Storage	At 2-8 centigrade.
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GENE INFORMATION

Official Symbol	Con A
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Synonyms	Concanavalin A Lectin; Con A
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