

Native Concanavalin A Lectin (Con A), Mitogen Solution-Conjugated

Cat. No. Con A-602J **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native Jackbean Concanavalin A Lectin (Con A) - Mitogen Solution
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. Some lectin trigger mitogenic activities in differentiated or resting cells. These lectins do not cause toxicity. A right concentration of affinity purified Concanavalin A (Jackbean) Lectin (Con A) is provided in a sterile solution for stimulating cells that respond to the lectin.

Form

Liquid

 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




Storage At -20 centigrade.

GENE INFORMATION

Official Symbol Con A

Synonyms Concanavalin A Lectin; Con A

 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