

Native Concanavalin A Lectin (Con A), Separopore[®] 4B MicroPass[™]-Conjugated

Cat. No. Con A-604J **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native Jackbean Concanavalin A Lectin (Con A) - Separopore[®] 4B MicroPass[™]
 Hazardous Shipping: Non-hazardous

Species

Jack Bean

Source

Jackbean

Description

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. MicroPass[™] microcolumns are prepared by conjugating Separopore[®] 4B with affinity purified (AffyPure[™]) Concanavalin A (Jackbean) Lectin (Con A). These microcolumns are used for MS and proteomic analysis to analyze of <100µL samples.


Storage

At 2-8 centigrade.

GENE INFORMATION

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Official Symbol	Con A
Synonyms	Concanavalin A Lectin; Con A

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