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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