

Native Jackbean Concanavalin A Lectin (Con A), HRP-Conjugated

Cat. No. Con A-351J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jackbean Concanavalin A Lectin (Con A) - HRP (Horseradish Peroxidase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Mannose, α-Glucose Inhibiting or Eluting Sugar: α-Methylmannoside + α-Methylglucoside Divalent Ions: Ca^{++}, Mn^{++} Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Appearance Color: Light yellow-orange
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). Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. Concanavalin A (Jackbean) Lectin (Con A) is conjugated to HRP at an appropriate ratio to provide optimal staining characteristics.
Form	Liquid

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Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	2 mg/mL
GENE INFORMATION	
Official Symbol	Con A
Synonyms	Concanavalin A Lectin; Con A

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