

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

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

## SPECIFICATION

<b>Product Overview</b>	<p>Native Jackbean Concanavalin A Lectin (Con A) - HRP (Horseradish Peroxidase)</p> <p>Blood Group Specificity: Non-specific</p> <p>Preferred Sugar Specificity: <math>\alpha</math>-Mannose, <math>\alpha</math>-Glucose</p> <p>Inhibiting or Eluting Sugar: <math>\alpha</math>-Methylmannoside + <math>\alpha</math>-Methylglucoside</p> <p>Divalent Ions: Ca<sup>++</sup>, Mn<sup>++</sup></p> <p>Mitogenic Activity: Yes</p> <p>Hazardous Shipping: Non-hazardous</p> <p>Appearance Color: Light yellow-orange</p>
<b>Species</b>	Jack Bean
<b>Source</b>	Jackbean
<b>Description</b>	<p>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.</p>
<b>Form</b>	Liquid

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<b>Purity</b>	High Purity Grade
<b>Stability</b>	Shelf Life: 1 year
<b>Storage</b>	At 2-8 centigrade.
<b>Concentration</b>	2 mg/mL

## GENE INFORMATION

<b>Official Symbol</b>	Con A
<b>Synonyms</b>	Concanavalin A Lectin; Con A

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