

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

**Cat. No.** Con A-007J    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	<p>Native Jackbean Concanavalin A Lectin (Con A) - AP (Alkaline Phosphatase)</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>
<b>Species</b>	Jack Bean
<b>Source</b>	Jackbean
<b>Description</b>	<p>Alkaline phosphatase (AP) is conjugated to Concanavalin A (Jackbean) Lectin (Con A) to show the binding of Con A in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.</p>
<b>Form</b>	Liquid
<b>Purity</b>	High Purity Grade
<b>Stability</b>	Shelf Life: 1 year

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 45-1 Ramsey Road, Shirley, NY 11967, USA



**Storage** At 2-8 centigrade.

**Concentration** 1 mg/mL

## GENE INFORMATION

**Official Symbol** Con A

**Synonyms** Concanavalin A Lectin; Con A

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