



## Product Information

### Concanavalin A (Con A) lectin, Jack bean, Alkaline phosphatase conjugate

**Cat. No.:** XLC-14-03Q

**Size:** 1 mg

**Synonym:** Con A; Con-A; Concanavalin A; Jackbean-agglutinin

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	Concanavalin A (Con A) lectin specially binds to $\alpha$ -Mannose and $\alpha$ -Glucose. Inhibiting or Eluting Sugar: $\alpha$ -Methylmannoside and $\alpha$ -Methylglucoside. This product can be used in glycobiology, immunochemistry, immunofluorescence, western blot and enzyme-linked immunosorbent assay.
<b>Biological Source</b>	Jack bean
<b>Concentration</b>	1 mg/mL
<b>Conjugate</b>	Alkaline phosphatase
<b>Carbohydrate Specificity</b>	$\alpha$ -Mannose; $\alpha$ -Glucose
<b>Inhibiting or Eluting Sugar</b>	$\alpha$ -Methylmannoside and $\alpha$ -Methylglucoside
<b>Blood Group Specificity</b>	Non-specific
<b>Divalent Ions</b>	Ca <sup>++</sup> , Mn <sup>++</sup>
<b>Form</b>	Liquid
<b>Potency</b>	Con A (> 10 $\mu$ g/mL) agglutinates neuraminidase treated human erythrocytes.
<b>Buffer</b>	0.05 M Tris (pH 7.2) with 0.15 M NaCl, 4 mM CaCl <sub>2</sub>
<b>Preservative</b>	0.05% sodium azide
<b>Applications</b>	Glycobiology, Immunochemistry, Immunofluorescence, Western blot, Enzyme-linked immunosorbent assay
<b>Storage</b>	Store at 2-8°C. (Do not freeze!)