

Product Information

Concanavalin A (Con A) lectin, Jack bean, Rhodamine conjugate

Cat. No.: XLC-14-15Q

Size: 25 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

Description	Concanavalin A (Con A) lectin specially binds to α -Mannose and α -Glucose. Inhibiting or Eluting Sugar: α -Methylmannoside and α -Methylglucoside. This product can be used in glycobiology, immunochemistry, immunofluorescence, western blot and enzyme-linked immunosorbent assay.
Biological Source	Jack bean
Concentration	5 mg/mL
Conjugate	Rhodamine
Carbohydrate Specificity	α -Mannose; α -Glucose
Inhibiting or Eluting Sugar	α -Methylmannoside and α -Methylglucoside
Blood Group Specificity	Non-specific
Excitation	550 nm
Emission	575 nm
Color of Fluorescence	Red
Divalent Ions	Ca ⁺⁺ , Mn ⁺⁺
Form	Liquid
Buffer	0.01 M HEPES (pH 7.5) with 0.15 M NaCl, 0.1 mM CaCl ₂ , 0.01 mM MnCl ₂ , 5 mM mannose
Preservative	0.08% sodium azide
Applications	Glycobiology, Immunochemistry, Immunofluorescence, Western blot, Enzyme-linked immunosorbent assay
Storage	Store at 2-8°C. (Do not freeze!)