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## Product Datasheet

### ConA Lectin (Biotin) GTX01504

Article Name	ConA Lectin (Biotin)
Biozol Catalog Number	GTX01504
Supplier Catalog Number	GTX01504
Alternative Catalog Number	GTX01504-1
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	ELISA, IHC, WB
Species Reactivity	Plant
Conjugation	Biotin
Product Description	Concanavalin A is a lectin protein (MW 104kDa), homotetramer 26 kDa, originally extracted from the jack-bean, <i>Canavalia ensiformis</i> . It binds specifically to certain structures found in various sugars alpha-mannosyl and alpha-glucosyl residues in glyco...
Concentration	5 mg/ml (Please refer to the vial label for the specific concentration.)
Sensitivity	alpha-linked mannose and glucose
Buffer	10mM Bicarbonate, 150mM NaCl, 0.1mM CaCl <sub>2</sub> , 0.01mM MgCl <sub>2</sub> (Con A has an Isoelectric point of about pH4.5-5.5, requires calcium or manganese ions at each of its four saccharide binding sites. These ions should be used in buffer. DO NOT USE Phosphate buffer f
Expression System	Native Protein
Form	Liquid

Sequence	Native Protein
Application Notes	WB: 1:500-1:2000. ELISA: 1:500-1:2500. IHC: 1:250-1:1000. *Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.