



CERTIFICATE OF ANALYSIS

Product **BIOTINYLATED LECTIN KIT I**

Catalog No. BK-1000

Storage 4 °C

<u>Biotinylated Lectin</u>	<u>Amount</u>	<u>Lot</u>	<u>Active Conjugate</u>	<u>Lectin Biotinylated</u>
Con A	1 mg	Y0923	98%	99%
SBA	1 mg	Y0925	99%	98%
WGA	1 mg	Y0924	96%	98%
DBA	1 mg	Y0926	96%	99%
UEA I	1 mg	Y0927	91%	98%
RCA ₁₂₀	1 mg†	Y0929	98%	98%
PNA	1 mg	Y0928	98%	99%

Solution 10 mM HEPES, 0.15 M NaCl, 0.1 mM Ca⁺⁺, 0.08% sodium azide, pH 7.5.
Biotinylated Con A and PNA also contain 0.01 mM Mn⁺⁺.

Concentration 2mg/ml

†Biotinylated *Ricinus communis* Agglutinin I (RCA₁₂₀) is at a concentration of 2.0 mg/ml in 10 mM phosphate, 0.15 M NaCl, 0.08% sodium azide, pH 7.5. **EXERCISE CAUTION IN ITS USE!** It has been found to have moderate toxicity in some animal models, but its toxicity to humans has not been fully determined, and a related protein, RCA₆₀, is highly toxic to humans. Never pipet solutions of this lectin by mouth. **DO NOT LYOPHILIZE!**

The recommended concentration range for use is 5-20 μ g/ml.

Abbreviations:

CON A: Concanavalin A
SBA: *Glycine max* (soybean) agglutinin
WGA: *Triticum vulgare* (wheat germ) agglutinin
DBA: *Dolichos biflorus* agglutinin
UEA 1: *Ulex europaeus* agglutinin 1
RCA₁₂₀: *Ricinus communis* agglutinin
PNA: *Arachis hypogaea* (peanut) agglutinin