



## CERTIFICATE OF ANALYSIS

Product **BIOTINYLATED LECTIN KIT I**

Catalog No. BK-1000

Kit Lot ZF0917

Storage 2-8 °C

<u>Biotinylated Lectin</u>	<u>Amount</u>	<u>Lot</u>	<u>Active Conjugate</u>	<u>Lectin Biotinylated</u>
Con A	1 mg	ZF0517	99%	99%
SBA	1 mg	ZF0517	99%	99%
WGA	1 mg	ZF0530	97%	98%
DBA	1 mg	ZF0517	91%	97%
UEA I	1 mg	ZF0517	98%	97%
RCA <sub>120</sub>	1 mg†	ZF0517	99%	100%
PNA	1 mg	ZF0517	98%	99%

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

Concentration 2mg/ml

†Biotinylated *Ricinus communis* Agglutinin I (RCA<sub>120</sub>) 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, RCA<sub>60</sub>, 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 µg/ml.

Abbreviations:

CON A: Concanavalin A

SBA: *Glycine max* (soybean) agglutinin

WGA: *Triticum vulgare* (wheat germ) agglutinin

DBA: *Dolichos biflorus* agglutinin