



CERTIFICATE OF ANALYSIS

Product: **RHODAMINE LECTIN KIT I**

Catalog No.: **RLK-2200**

Storage: **Refrigerate at 4 °C, If a precipitate forms, warm solution to 37 °C**

Lot No. **ZF0614**

<u>Rhodamine Lectin</u>	<u>Lot No.</u>	<u>F/P (molar)*</u>
Concanavalin A (Con A)	ZF0612	3.0
<i>Dolichos biflorus</i> agglutinin (DBA)	ZF0613	2.5
Peanut agglutinin (PNA)	ZF0613	4.0
<i>Ricinus communis</i> agglutinin I (RCA 120)	ZF0613	4.3
Soybean agglutinin (SBA)	ZF0613	3.6
<i>Ulex europaeus</i> agglutinin I (UEA I)	ZF0613	2.8
Wheat germ agglutinin (WGA)	ZF0613	1.9

* F/P = moles of rhodamine/mole lectin

Each vial contains 1 mg of rhodamine-labeled lectin in 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.1 mM Ca⁺⁺, 0.08% sodium azide. Rhodamine Con A also contains 0.01 mM Mn⁺⁺. These rhodamine-labeled lectins are at a concentration of 2 mg/ml and contain no free rhodamine.

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

EXERCISE CAUTION IN THE USE OF RCA₁₂₀! 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!**