



CERTIFICATE OF ANALYSIS

Product: **RHODAMINE LECTIN KIT I**

Catalog No.: RLK-2200

Storage: Refrigerate at 2-8 °C. If a precipitate forms, warm solution to 37 °C

Lot No. ZG0305

| <u>Rhodamine Lectin</u> | <u>Lot No.</u> | <u>F/P (molar)*</u> |
|--|-----------------------|----------------------------|
| Concanavalin A (Con A) | ZG0303 | 3.0 |
| <i>Dolichos biflorus</i> agglutinin (DBA) | ZG0305 | 2.5 |
| Peanut agglutinin (PNA) | ZG0304 | 4.0 |
| <i>Ricinus communis</i> agglutinin I (RCA 120) | ZG0303 | 4.3 |
| Soybean agglutinin (SBA) | ZG0303 | 3.6 |
| <i>Ulex europaeus</i> agglutinin I (UEA I) | ZG0304 | 2.8 |
| Wheat germ agglutinin (WGA) | ZG0303 | 2.0 |

* 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!**