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## 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

<b><u>Rhodamine Lectin</u></b>	<b><u>Lot No.</u></b>	<b><u>F/P (molar)*</u></b>
Concanavalin A (Con A)	ZE0806	3.0
<i>Dolichos biflorus</i> agglutinin (DBA)	ZE0801	2.5
Peanut agglutinin (PNA)	ZC0606	4.0
<i>Ricinus communis</i> agglutinin I (RCA 120)	ZE0326	4.3
Soybean agglutinin (SBA)	ZE0829	3.6
<i>Ulex europaeus</i> agglutinin I (UEA I)	ZD0731	5.7
Wheat germ agglutinin (WGA)	ZD0510	1.9

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\* 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<sup>++</sup>, 0.08% sodium azide. Rhodamine Con A also contains 0.01 mM Mn<sup>++</sup>. 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 RCA<sub>120</sub>! 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!