

Native Banana *Musa paradisiaca* Lectin (BanLec), AP-Conjugated

Cat. No. BanLec-027B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Banana <i>Musa paradisiaca</i> Lectin (BanLec) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Mannose, α-Glucose Inhibiting or Eluting Sugar: α-Methylmannoside Divalent Ions: Zn⁺⁺ Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Banana
Source	Banana
Description	Affinity-purified BanLec is conjugated with alkaline phosphatase (AP). AP is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate molecule resulting in a colored or fluorescent product, or release of light as a chemiluminescent byproduct of the reaction. AP has optimal enzymatic activity at a basic pH between pH 8 and 10, and its reaction rate remains linear in which detection sensitivity can be improved by allowing the reaction to continue for a longer time.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year

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Storage	At 2-8 centigrade.
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Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	BanLec
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Synonyms	Musa paradisiaca Lectin; BanLec
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