

Native Jacalin Artocarpus integrifolia Lectin (AIA), AP-Conjugated

Cat. No. AIA-005J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jacalin Artocarpus integrifolia Lectin (AIA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Gal β 3GalNAc Inhibiting or Eluting Sugar: Galactose or Melibiose Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Jacalin
Source	Jacalin
Description	Alkaline phosphatase (AP) is conjugated to Artocarpus integrifolia (Jacalin) Lectin (AIA) to show the binding of AIA in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Official Symbol	AIA
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Synonyms	Artocarpus integrifolia Lectin; AIA
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