

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

Cat. No. AIA-349J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jacalin Artocarpus integrifolia Lectin (AIA) - HRP (Horseradish Peroxidase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ3GalNAc Inhibiting or Eluting Sugar: Galactose or Melibiose Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Jacalin
Source	Jacalin
Description	Jacalin lectin (AIA) is purified by affinity chromatography and is tetrameric two-chain structure consisting of four identical protomers with an isoelectric point of pH 7.8. The lectin has specificity for blood group types O (+SA) and T. Jacalin is considered a galactose-specific lectin and elutes with galactose or melibiose. Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. Artocarpus integrifolia (Jacalin) Lectin (AIA) is conjugated to HRP at an appropriate ratio to provide optimal staining characteristics.
Form	Liquid

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Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	1 mg/mL
GENE INFORMATION	
Official Symbol	AIA
Synonyms	Artocarpus integrifolia Lectin; AIA

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