

# Artocarpus integrifolia Lectin (AIA) - Texas Red

Cat *PL00115*

Size *2 mg/5 mg*

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## Sugar Specificity

Gal $\beta$ 3GalNAc

## Description

Texas red is a red fluorescent dye that, when combined with carnation agglutinin (AIA), can show the binding pattern of this lectin in cell imaging applications. There is little overlap between the emission spectra of Texas Red and FITC, making this combination ideal for double-labeling experiments. Rhodamine dyes, such as Texas red, have better light stability and are less sensitive to pH changes than other dyes such as fluorescein.

## Abbreviation

AIA

## Material Source

Jacalin

## Conjugate

Texas Red

## Concentration

5 mg/mL

## Purity

High Purity Grade

## Shelf Life

1 year

## Blood Group Specificity

Non-specific

## Sugar Specificity

Gal $\beta$ 3GalNAc

## Inhibiting or Eluting Sugar

Galactose or Melibiose

## Divalent Ions

None Required

## Mitogenic Activity

Yes

## Format

Liquid

## Storage

2-8°C

## Excitation

595 nm

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat *PL00115*

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## Emission

615 nm

## Fluorescence

Red

## Hazardous Shipping

Non-hazardous

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