

Native Garlic *Allium sativum* Lectin (ASA), Texas Red-Conjugated

Cat. No. ASA-529G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Garlic <i>Allium sativum</i> Lectin (ASA) - Texas Red
	Blood Group Specificity: Non-specific
	Preferred Sugar Specificity: Mannose
	Inhibiting or Eluting Sugar: $\alpha(1,3)$ -Linked Mannosyl Units
	Divalent Ions: None Required
	Excitation: 595 nm
	Emission: 615 nm
	Hazardous Shipping: Non-hazardous
	Fluorescence: Red

Species	Garlic
----------------	--------

Source	Garlic
---------------	--------

Description	<i>Allium sativum</i> lectin (ASA) is purified first with affinity chromatography and then with gel filtration. In addition, the removal of sialic acids enhances binding activity. Texas Red is a red-fluorescent dye and when bound to <i>Allium sativum</i> Lectin (ASA) can show the binding pattern of this lectin in cellular imaging applications. There is very little overlap between the emission spectra of Texas Red and FITC making this combination ideal for dual-labeling experiments. Rhodamine dyes, such as Texas Red, are more photostable and less sensitive to pH change when compared to other dyes such as fluorescein.
--------------------	--

 Tel: 1-631-559-9269 1-516-512-3133

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

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

Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	2 mg/mL
GENE INFORMATION	
Official Symbol	ASA
Synonyms	Allium sativum Lectin; ASA

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA