Native Bandeiraea Griffonia simplicifolia Lectin (GSL I), AP-Conjugated

Cat. No. GSL I-014B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bandeiraea Griffonia simplicifolia Lectin (GSL I) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Galactose, α-N-Acetylgalactosamine Inhibiting or Eluting Sugar: Galactose, N-Acetylgalactosamine Divalent Ions: Ca++, Mn++ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Bandeiraea
Source	Bandeiraea
Description	Alkaline phosphatase (AP) is conjugated to Griffonia simplicifolia Lectin (GSL I) to show the binding of GSL I 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
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.

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

Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	GSL I
Synonyms	Griffonia simplicifolia Lectin; GSL I

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