

Native *Bandeiraea Griffonia simplicifolia* Lectin (GSL II), HRP-Conjugated

Cat. No. GSL II-360B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native *Bandeiraea Griffonia simplicifolia* Lectin (GSL II) - HRP (Horseradish Peroxidase)

Blood Group Specificity: Non-specific

Preferred Sugar Specificity: α -N-Acetylglucosamine, β -N-Acetylglucosamine

Inhibiting or Eluting Sugar: Chitin Hydrolysate or N-Acetylglucosamine

Divalent Ions: Ca^{++} , Mn^{++}

Mitogenic Activity: No

Hazardous Shipping: Non-hazardous

Species

Bandeiraea

Source

Bandeiraea

Description

GSL II is affinity purified tetramer that contains a single type of 30 kDa subunit. It has insecticidal structure/function, the first GlcNAc binding legume lectin proven to have insecticidal activity. Increasing the number of N-acetylglucosamine residues beyond two does not improve affinity. This lectin shows specificity for blood group A(-SA) greater than blood group B(-SA). 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. *Griffonia simplicifolia* Lectin (GSL II) is conjugated to HRP at an appropriate ratio to provide optimal staining characteristics.

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Form	Liquid
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL
GENE INFORMATION	
Official Symbol	GSL II
Synonyms	Griffonia simplicifolia Lectin; GSL II

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