

# Griffonia simplicifolia Lectin (GSL I) - AP (Alkaline Phosphatase)

Cat PL00461

Size 2 mg

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## Sugar Specificity

$\alpha$ -Galactose,  $\alpha$ -N-Acetylgalactosamine

## Description

Alkaline phosphatase (AP) is coupled to Griffith grass lectin (GSLI), and GSLI binding has been shown in a variety of applications such as Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups in the substrate to produce color or fluorescent products. The optimal enzyme activity of this protein is between pH 8 and 10, and its reaction rate remains linear with increased sensitivity over time.

## Abbreviation

GSL I

## Material Source

Bandeiraea

## Conjugate

Alkaline Phosphatase (AP)

## Concentration

2 mg/mL

## Shelf Life

1 year

## Blood Group Specificity

Non-specific

## Sugar Specificity

$\alpha$ -Galactose,  $\alpha$ -N-Acetylgalactosamine

## Inhibiting or Eluting Sugar

Galactose, N-Acetylgalactosamine

## Divalent Ions

Ca<sup>++</sup>, Mn<sup>++</sup>

## Mitogenic Activity

No

## Format

Liquid

## Storage

-20°C

## Hazardous Shipping

Non-hazardous

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY