

Bauhinia purpurea Lectin (BPL/BPA) - AP (Alkaline Phosphatase)

Cat PL00412

Size 1 mg

Sugar Specificity

Gal β 3GalNAc

Description

Alkaline phosphatase (AP) coupling to Bauhinia lectin (BPL/BPA) has shown BPL/BPA binding 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

BPL/BPA

Material Source

Camel's foot tree

Conjugate

Alkaline Phosphatase (AP)

Concentration

1 mg/mL

Purity

High Purity Grade

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

Gal β 3GalNAc

Inhibiting or Eluting Sugar

Lactose

Divalent Ions

None Required

Mitogenic Activity

Yes

Format

Liquid

Storage

2-8°C

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Hazardous Shipping

Non-hazardous

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