

Sambucus nigra Lectin (SNA/EBL II) - AP (Alkaline Phosphatase)

Cat PL00562

Size 2 mg

Sugar Specificity

N-Acetylgalactosamine > Galactose

Description

Alkaline phosphatase (AP) is coupled with black lectin (SNA/EBL II), and SNA/EBL II 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

SNA/EBL II

Material Source

Elderberry

Conjugate

Alkaline Phosphatase (AP)

Concentration

2 mg/mL

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

N-Acetylgalactosamine > Galactose

Inhibiting or Eluting Sugar

Lactose > β -Galactose

Divalent Ions

None Required

Format

Liquid

Storage

-20°C

Hazardous Shipping

Non-hazardous

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY