

Vigna radiata Lectin (VRA) - AP (Alkaline Phosphatase)

Cat PL00181

Size 1 mg

Sugar Specificity

α -Galactose

Description

Alkaline phosphatase (AP) is coupled to radiative Vigna lectin (VRA), and VRA 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

VRA

Material Source

Mung bean

Conjugate

Alkaline Phosphatase (AP)

Concentration

1 mg/mL

Purity

85-92%

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

α -Galactose

Inhibiting or Eluting Sugar

α -Galactose

Divalent Ions

None Required

Format

Liquid

Storage

2-8°C

Hazardous Shipping

Non-hazardous

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY