

Native Peanut Arachis hypogaea Lectin (PNA), AP-Conjugated

Cat. No. PNA-004P Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Peanut Arachis hypogaea Lectin (PNA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Gal β 3GalNAc Inhibiting or Eluting Sugar: Galactose Divalent Ions: Ca ⁺⁺ , Mg ⁺⁺ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Peanut
Source	Peanut
Description	Alkaline phosphatase (AP) is conjugated to Arachis hypogaea (Peanut) Lectin (PNA) to show the binding of PNA in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	At -20 centigrade.
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Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	PNA
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Synonyms	Arachis hypogaea Lectin; PNA
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