Native Horse gram Dolichos biflorus Lectin (DBA), AP-Conjugated

Cat. No. DBA-009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Horse gram Dolichos biflorus Lectin (DBA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-N-Acetylgalactosamine Inhibiting or Eluting Sugar: N-Acetylgalactosamine Divalent Ions: Ca++, Mn++, Mg++, Zn++ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Horse gram
Source	Horse gram
Description	Alkaline phosphatase (AP) is conjugated to Dolichos biflorus Lectin (DBA) to show the binding of DBA 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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Storage	At 2-8 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

Official Symbol	DBA
Synonyms	Dolichos biflorus Lectin; DBA

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