Native Camel's foot tree seeds Bauhinia purpurea Lectin (BPL/BPA), MagneZoom™-Conjugated

Cat. No. BPL/BPA -426C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Camel's foot tree seeds Bauhinia purpurea Lectin (BPL/BPA) - MagneZoom™ Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ3GalNAc Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Camel's foot tree seeds
Source	Camel's foot tree seeds
Description	Bauhinia purpurea agglutinin or lectin (BPA/BPL) is a tetrameric lectin with a molecular weight of 195,000. BPA is lactose-specific and elutes with the sugar lactose. It has specificity for blood groups A, B, O (-SA). Treatment of erythrocytes with neuraminidase or trypsin will increase the agglutination reaction, indicating that the receptor is masked by terminal carbohydrates. Although binding specificity is similar to that of peanut agglutinin, tissue staining patterns of these two lectins are distinct. Makela's group 2 sugars, particularly N-acetyl-D-galactosamine, are potent inhibitors. The native protein appears to be stable in detergent solution. Affinity purified Bauhinia purpurea Lectin (BPL/BPA) is immobilized on aminated paramagnetic beads using EDC and stabilized in a buffer to retain maximum activity. These beads are ideal for iP applications to pull down glycoproteins.
Form	Liquid

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Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.

GENE INFORMATION

Official Symbol	BPL/BPA
Synonyms	Bauhinia purpurea Lectin; BPL/BPA

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