Native Camel's foot tree Bauhinia purpurea Lectin (BPL/BPA)

Cat. No. BPL/BPA -596C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Camel's foot tree Bauhinia purpurea Lectin (BPL/BPA) - Pure Blood Group Specificity: A, B, O (-SA) Preferred Sugar Specificity: Galβ3GalNAc Inhibiting or Eluting Sugar: Lactose Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Camel's foot tree
Source	Camel's foot tree
Description	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. This product comes in lyophilized form and is stored at -20 centigrade. Reconstitute with sterile buffer. No metal ions are required for binding.
Form	Lyophilized

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Molecular Mass	195 kDa
Purity	Pure
Storage	At -20 centigrade.

GENE INFORMATION

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

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