Native Chickpea Cicer arietinum Lectin (CAL/CPA)

Cat. No. CAL/CPA-597C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Chickpea Cicer arietinum Lectin (CAL/CPA) - Pure Blood Group Specificity: Rabbit Preferred Sugar Specificity: Complex N-Glycans Inhibiting or Eluting Sugar: Human IgM, Bovine Fetuin Divalent Ions: Ca++, Mn++ Hazardous Shipping: Non-hazardous
Species	Chickpea
Source	Chickpea
Description	Cicer arietinum lectin or agglutinin (CAL/CPA) is a homodimer composed of two subunits. This lectin is a glycoprotein that contains 4. 5% neutral sugars and is basic in nature (pI: 9. 0). CAL possess complex-sugar specificity for N-glycans and N-acetyl-D-galactosamine, and elutes with acetyl-D-galactosamine. Although neither human or rabbit erythrocytes are agglutinated by this lectin, pronase-treated rabbit and human erythrocytes have been successfully agglutinated. None of the sugars, such as glucose, mannose or galactose, nor their derivatives, disaccharides, trisaccharides and tetrasaccharides have any effect on the agglutination of this lectin.
Form	Lyophilized
Molecular Mass	43 kDa
Purity	Affinity purified

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Applications	Glycobiology
Storage	At -20 centigrade.

GENE INFORMATION

Official Symbol	CAL/CPA
Synonyms	Cicer arietinum Lectin; CAL/CPA

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