# Native Chickpea Cicer arietinum Lectin (CAL/CPA), Separopore® 4B-Conjugated

**Cat. No.** CAL/CPA-434C **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Native Chickpea Cicer arietinum Lectin (CAL/CPA) - Separopore® 4B<br>Blood Group Specificity: Non-specific<br>Preferred Sugar Specificity: Fetuin, p-Nitrophenyl N-acetyl-α-D-galactoside<br>Mitogenic Activity: No<br>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. Affinity purified Cicer arietinum Lectin (CAL/CPA) is immobilized to Separopore® 4B following CNBr coupling. The final product is stabilized in a buffer to retain maximum activity. The gel can be packed in 1 mL or 5mL. |
| **Form** | Liquid |

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| **Purity** | High Purity Grade |
| **Stability** | Shelf Life: 1 year |
| **Storage** | At 2-8 centigrade. |

## GENE INFORMATION

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

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