Native Lentil Lens culinaris Lectin (LCA)

Cat. No. LCA-635L **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Lentil Lens culinaris Lectin (LCA/LCH) - Pure Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Mannose, α-Glucose Inhibiting or Eluting Sugar: α-Methylmannoside + α-Methylglucoside Divalent Ions: Ca++, Mn++ Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Lentil
Source	Lentil
Description	This lectin is useful in affinity chromatography columns for the separation of glycoconjugates. The two isomers LCA-A and LCA-B agglutinates human red blood cells, although not blood group specific. Activity of LCA is determined by haemagglutination with human blood and agglutinates a 2% suspension of human erythrocytes at a lectin concentration of 8µg/ml. LCA requires calcium and manganese ions for binding.
Form	Lyophilized
Molecular Mass	46 kDa
Purity	Affinity purified

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Storage	At -20 centigrade.

GENE INFORMATION

Official Symbol	LCA
Synonyms	Lens culinaris Lectin; LCA; LCH
WB	

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