# Native Tomato Lycopersicon esculentum Lectin (LEL/LEA)

**Cat. No.** LEL/LEA-641T **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Native Tomato Lycopersicon esculentum Lectin (LEL/LEA) - Pure<br>Blood Group Specificity: Non-specific<br>Preferred Sugar Specificity: β (1,4)-linked-N-Acetylglucosamine<br>Inhibiting or Eluting Sugar: Chitin Hydrolysate<br>Divalent Ions: None Required<br>Mitogenic Activity: No<br>Hazardous Shipping: Non-hazardous |
| **Species** | Tomato |
| **Source** | Tomato |
| **Description** | Isolated from tomatoes, affinity-purified Lycopersicon esculentum lectin (LEL/LEA) has a carbohydrate specificity toward GlcNac. Composed of a single stable subunit, LEL is a useful marker of tracking vasculature in rodents and in neuroscience research. This lectin has an unusually high carbohydrate content of about 50 percent arabinose and galactose. LEL is non-specific agglutinates human erythrocytes A, B, O, or AB blood types. Protease-treated erythrocytes are slightly more sensitive to agglutination by this lectin. |
| **Form** | Lyophilized Powder |
| **Molecular Mass** | 71 kDa |
| **Purity** | Affinity purified |

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| **Applications** | Agglutination, Perfusion studies in mice |
| **Storage** | At -20 centigrade. |

## GENE INFORMATION

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| **Official Symbol** | LEL/LEA |
| **Synonyms** | Lycopersicon esculentum Lectin; LEL/LEA |

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