Active Native Wheat Triticum vulgaris Lectin (WGA)

Cat. No. WGA-722W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Wheat Triticum vulgaris Lectin (WGA) - Semi-Pure Preferred Sugar Specificity: N-Acetylglucosamine Inhibiting or Eluting Sugar: Chitin Hydrolysate or N-Acetylglucosamine w/acid or salt Divalent Ions: Ca++ Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Carbohydrate Specificity: N-Acetylglucosamine
Species	Wheat
Source	Wheat
Description	Wheat germ agglutinin (WGA) is a lectin that is purified by fractionation from Triticum vulgaris and non-enzymatically binds to N-acetyl-D-glucosamine and sialic acid residues of glycoproteins and glycolipids. This lectin protects Triticum vulgaris from insects, yeast and bacteria. WGA consists of two subunits and has a molecular weight of 36 kDa. It is an acidic protein and has mitogenic activity toward lymphocytes. It agglutinates erythrocytes and most types of malignant cells.
Form	Powder
Bio-activity	10 µg/ml will agglutinate human erythrocytes nonspecifically.
Storage	At -20 centigrade.

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GENE INFORMATION

Official Symbol	WGA
Synonyms	Triticum vulgaris Lectin; WGA

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