

Active Native Triticum vulgaris Lectin (WGA), Separopore® 4B MicroPass™-Conjugated

Cat. No. WGA-723W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Wheat Triticum vulgaris Lectin (WGA) - Separopore® 4B MicroPass™ Hazardous Shipping: Non-hazardous Carbohydrate Specificity: N-Acetylglucosamine Inhibitory Carbohydrate: Chitin hydrolysate or 500 mM N-Acetylglucosamine Mitogenic Activity: Yes Divalent Ions Required: None Conjugation: Micropass Columns
Species	Wheat
Source	Wheat
Description	Wheat germ agglutinin (WGA) is a lectin that is affinity purified 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. MicroPass™ microcolumns are prepared by conjugating Separopore® 4B with affinity purified (AffyPure™) Triticum vulgaris Lectin (WGA). These microcolumns are used for MS and proteomic analysis to analyze of <100µL samples.
Bio-activity	10 µg/ml will agglutinate human erythrocytes nonspecifically.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	At 2-8 centigrade.
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GENE INFORMATION

Official Symbol	WGA
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Synonyms	Triticum vulgaris Lectin; WGA
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