

Active Native Wheat germ *Triticum vulgaris* Lectin (WGA), Separopore® 4B-Conjugated

Cat. No. WGA-467W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Wheat germ <i>Triticum vulgaris</i> Lectin (WGA) - Separopore® 4B Blood Group Specificity: Non-specific Preferred Sugar Specificity: (GlcNAcβ4)n Mitogenic Activity: No Hazardous Shipping: Non-hazardous Appearance Color: White/Off-White Carbohydrate Specificity: N-Acetylglucosamine
Species	Wheat germ
Source	Wheat Germ
Description	Wheat germ agglutinin (WGA) is a lectin that is affinity purified from <i>Triticum vulgaris</i> and non-enzymatically binds to N-acetyl-D-glucosamine and sialic acid residues of glycoproteins and glycolipids. This lectin protects <i>Triticum vulgaris</i> 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. Pure WGA 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 column sizes.
Form	Liquid/Suspension

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Bio-activity	10 µg/ml will agglutinate human erythrocytes nonspecifically.
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.

GENE INFORMATION

Official Symbol	WGA
Synonyms	Triticum vulgaris Lectin; WGA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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