

Native Wheat germ *Triticum vulgaris* Lectin (WGA), MagneZoom™-Conjugated

Cat. No. WGA-425W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Wheat germ <i>Triticum vulgaris</i> Lectin (WGA) - MagneZoom™
	Blood Group Specificity: Non-specific
	Preferred Sugar Specificity: (GlcNAcβ4)n
	Mitogenic Activity: No
	Hazardous Shipping: Non-hazardous
	Suspension: 25 mg magnetic beads/mL
	Particle size (average): 2-5 μm
	Ligand: <i>Triticum vulgaris</i> (Wheat Germ) Lectin (WGA)
	Ligand density: ~3 mg/mL
Species	Binding Capacity: 2-3 mg/mL
	pH stability: 4-9 (for use), 2-10 (for cleaning)
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. <i>Triticum vulgaris</i> Lectin (WGA) - MagneZoom are silica-coated super paramagnetic beads covalently linked to Wheat

 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

Germ Agglutinin (WGA). The aminated paramagnetic beads are immobilized using EDC and stabilized in a buffer to retain maximum activity. These beads are ideal for iP applications to pull down glycoproteins.

Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Storage Buffer	Saline solution/0.02% sodium azide

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