

Native Wheat Succinylated Triticum vulgaris Lectin (Succ WGA)

Cat. No. Succ WGA-719W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Wheat Succinylated Triticum vulgaris Lectin (Succ WGA) - Pure Blood Group Specificity: A, B, O Preferred Sugar Specificity: N-Acetylglucosamine Inhibiting or Eluting Sugar: Chitin Hydrolysate or N-Acetylglucosamine w/acid or salt Divalent Ions: Ca⁺⁺ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Wheat
Source	Wheat
Description	Succinylated wheat germ agglutinin (Succ-WGA) is affinity purified from the native wheat germ agglutinin (WGA). It is dimeric at pH as low as 5 and dissociates at pH lower than 4. 5. Succ-WGA agglutinates rabbit erythrocytes at a minimal concentration of about 2g/ml, and agglutinates human erythrocytes of blood groups A, B, and O types. The solubility of Succ-WGA is around 100 times higher than the unmodified lectin at neutral pH. Unlike native WGA, Succ-WGA does not bind to sialic acid residues but retains its specificity towards N-acetylglucosamine. The use of conjugates of the native WGA and the succinylated allows to distinguish between sialylated glycoconjugates and others N-acetylglucosamine structures.
Form	Lyophilized

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Molecular Mass	36 kDa
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Purity	High Purity Grade
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Storage	At -20 centigrade.
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GENE INFORMATION

Official Symbol	Succ WGA
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Synonyms	Succinylated Triticum vulgaris Lectin; Succ WGA
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