Native Snowdrop Galanthus nivalis Lectin (GNL/GNA), Ferritin-Conjugated

Cat. No. GNL/GNA-263S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Snowdrop Galanthus nivalis Lectin (GNL/GNA) - Ferritin Blood Group Specificity: Non-specific Preferred Sugar Specificity: αMannose Inhibiting or Eluting Sugar: α-Methylmannoside Divalent Ions: None Required Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Snowdrop
Source	Snowdrop
Description	Purified by affinity chromatography, Galanthus nivalis lectin (GNL/GNA) is composed of four identical subunits. This lectin was one of the original molecules used to understand how proteins recognize carbohydrates. Galanthus nivalis is found to bind to many viral glycoproteins, making it a useful tool in HIV research studies. Galanthus nivalis Lectin (GNL/GNA) is conjugated to ferritin, that has a molecular weight of 474,000 g/mol (all 24 subunits combined). Ferritin-conjugated lectins can be used to visualize localization of specific saccharide moieties and examine the distribution of plasma membrane glycoproteins. These conjugates can be viewed via electron microscopy.
Form	Liquid

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Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

Official Symbol	GNL/GNA
Synonyms	Galanthus nivalis Lectin; GNL/GNA

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