Native Snowdrop Galanthus nivalis Lectin (GNL/GNA), Cy5-Conjugated

Cat. No. GNL/GNA-212S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Snowdrop Galanthus nivalis Lectin (GNL/GNA) - Cy5 Blood Group Specificity: Non-specific Preferred Sugar Specificity: αMannose Inhibiting or Eluting Sugar: α-Methylmannoside Divalent Ions: None Required Excitation: 650 nm Emission: 670 nm Mitogenic Activity: No Hazardous Shipping: Non-hazardous Fluorescence: Red
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. Cy5, when bound to Galanthus nivalis Lectin (GNL/GNA), can show the binding pattern of this lectin in cellular imaging and flow cytometry. The excitation wavelength required for Cy5 to fluoresce is high enough to avoid overlap with most other fluorochromes, making it useful for dual-labeling experiments. Because of this high excitation, there is

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	typically less background from autofluorescence of biological specimens.
Form	Liquid
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

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

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