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

Cat. No. GNL/GNA-540S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Snowdrop Galanthus nivalis Lectin (GNL/GNA) - Texas Red Blood Group Specificity: Non-specific Preferred Sugar Specificity: αMannose Inhibiting or Eluting Sugar: α-Methylmannoside Divalent Ions: None Required Excitation: 595 nm Emission: 615 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. Texas Red is a red-fluorescent dye and when bound to Galanthus nivalis Lectin (GNL/GNA) can show the binding pattern of this lectin in cellular imaging applications. There is very little overlap between the emission spectra of Texas Red and FITC making this combination ideal for dual-labeling experiments. Rhodamine dyes, such as Texas

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

	Red, are more photostable and less sensitive to pH change when compared to other dyes such as fluorescein.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

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

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