



CERTIFICATE OF ANALYSIS

Product AGAROSE GALANTHUS NIVALIS (SNOWDROP) LECTIN

Catalog No. AL-1243

Amount 5 ml of settled gel (1:1, v/v slurry)

Lot No. ZG0211

Suspension Solution 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.1 mM Ca⁺⁺,
20 mM mannose, 0.08% sodium azide, 0.01 mM Mn⁺⁺

Binding Capacity >3.0 mg mannosyl glycoprotein/ml of gel

Storage Conditions Refrigerate - DO NOT FREEZE

Other Remarks

Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin.

Recommended product for eluting glycoconjugates bound to this agarose-lectin: Glycoprotein Eluting Solution, Cat. No. ES-1100.

Alternatively, 0.1 M α methyl mannoside can be used. For those glycoconjugates having a very high affinity for GNL, it may be necessary to lower the pH of the eluting sugar solution to pH 4.0 with acetic acid and increase the concentration of the α methyl mannoside to 0.5 M.

After use, wash the gel with several column volumes of buffered saline, then resuspend gel in buffered saline containing 0.08% sodium azide for storage.