



# Glycoprotein Eluting Solution for Sialic Acid Binding Lectins

## ES-7100-100

[Product Images](#)



## Short Description

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Vector Laboratories has developed Glycoprotein Elution Solutions in the neutral pH range that maximize the yield of eluted glycoproteins and preserve the activity of the agarose-bound lectins for repeated use. These Glycoprotein Eluting Solutions offer researchers convenience and superior recovery over standard sugar solutions.

### Features:

- All components can be subsequently removed by dialysis

## Additional Information

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Unit Size	100 ml
Applications	Glycobiology, Affinity Chromatography
Recommended Usage	1) Wash lectin agarose column to remove unbound proteins with HEPES- or TRIS-Buffered saline (HBS, TBS), pH 7.5, until OD280nm reaches background level. 2) Apply Glycoprotein Eluting Solution and allow to flow through the column by gravity. Note: Do not apply pressure to speed elution because this may reduce the percent recovery of the bound glycoprotein. Complete elution may take up to 10 column volumes.* 3) Following elution, the agarose lectin column is ready for reuse after equilibrating with 2-4 column volumes of HBS or TBS, pH 7.5. *These results may not be typical for other glycoproteins, since oligosaccharide structures of glycoproteins vary significantly. The eluting solution has a high osmolarity. If downstream applications are adversely affected by salt, eluted glycoproteins may require dialysis or gel filtration.
Recommended Storage	Room Temperature

