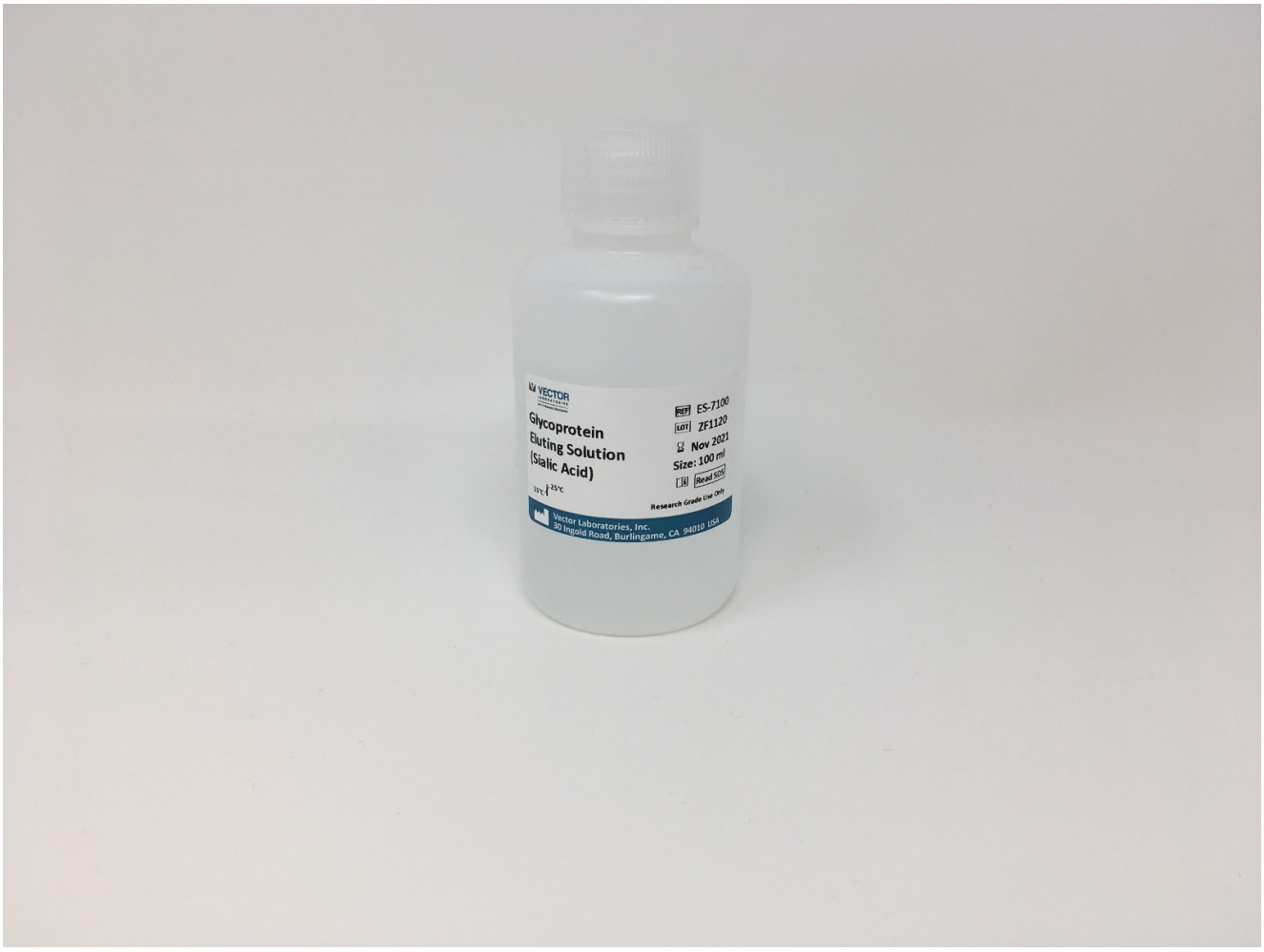
Glycoprotein Eluting Solution for Sialic Acid-binding Lectins

Product Images



Short Description

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:

- Elution in neutral pH range
- All components can be subsequently removed by dialysis

Additional Information

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