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## CERTIFICATE OF ANALYSIS

Product     **GLYCOPROTEIN ELUTING SOLUTION**  
                  **for N-ACETYLGLUCOSAMINE- or CHITIN-BINDING LECTINS**

Catalog No.   ES-5100

Amount       100 ml

Lot No.       ZE0710

Storage       Room Temperature

### Test Results

This solution elutes >90% of GlcNAc-labeled BSA (Cat. No. G-6000) from Wheat Germ Agglutinin Agarose (Cat. No. AL-1023). \*

### Protocol

- 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.