CERTIFICATE OF ANALYSIS

Product **N-acetylglucosamine Agarose**

Catalog No. AC-1006

Amount 10 ml of settled gel

Lot No. ZA0528

Matrix: Cross-linked, 4%, 90μ-120μ diameter agarose beads

Linkage: Randomly coupled through a proprietary 5-atom hydrophilic linker arm

Suspension Solution HBS, pH 7.5, 0.08% azide

Binding Capacity Binds 5-6 mg Wheat germ lectin per ml of gel

Storage Conditions Refrigerate - DO NOT FREEZE

Typical Protocol for Binding and Elution

1) Wash with two column volumes of HBS, pH 7.5, or TBS, pH 7.5

2) Pass the solution to be fractionated over the column. (Note: if binding is poor at room temperature, equilibrate column and extract at 4 ºC prior to the column pass.)

3) Wash the column with the equilibrating buffer at the temperature at which the pass was made until the OD_{280nm} absorbance of the wash decreases to background.

4) Elute the bound protein with 200-500mM N-Acetyl-D-glucosamine in HBS, or TBS pH 7.5 or Chitin Hydrolysate (Cat. No. SP-0090).

HBS: 10mM HEPES, 0.15M NaCI, pH 7.5
TBS: 10mM TRIS, 0.15 NaCI, pH 7.5

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