



CERTIFICATE OF ANALYSIS

Product AGAROSE JACALIN

Catalog AL-1153

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

Lot No. ZE0226

Suspension Solution 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.1 mM Ca⁺⁺,
20 mM galactose, 20 mM lactose, 0.08% sodium azide

Protein Concentration 4.0 mg/ml of settled gel

Binding Capacity >4 mg asialo-fetuin/ml of gel
 >4.0 mg monomeric IgA/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.

Note: To optimize elution of glycoproteins, wash the gel with 10 column volumes of 175 mM TRIS, pH 7.5, before use. Glycoproteins should be applied in this buffer.

Recommended product for eluting glycoconjugates bound to this agarose-lectin: Glycoprotein Eluting Solution, Cat. No. ES-2100.

Alternatively, 0.1 M melibiose or 0.8 M galatose in 175 mM TRIS, pH 7.5 can be used. Use of other buffers may result in a reduction in yield of eluted glycoproteins.

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.

Also see: Gregory, R.L., Rundergren, J. and Arnold, R.R., J. Immunol. Methods. 99, 101 (1987)