



Aleuria Aurantia Lectin (AAL), Agarose bound

AL-1393-2

[Product Images](#)



Short Description

Features:

- Matrix is heat stable, cross-linked 4% agarose beads with a molecular exclusion of about 2×10^7 daltons
- Bead diameter ranges in size from 45-165 microns
- Matrix is stable in solutions at pH 3-11 as well as many organic solvents
- Immobilized lectins are prepared using affinity purified lectins
- Covalent attachment preserves lectin activity and minimizes conformational changes that might result in nonspecific or hydrophobic interactions
- Hydrophilic spacer arm is inserted between the lectin and the matrix
- Conjugated proteins are not leached off the beads by Tris or other routinely used buffers
- No residual charges present after conjugation. This minimizes non-specific binding to the matrix
- Product supplied as a 1:1 suspension in buffer
- 2 mg lectin/ml gel
- Inhibiting/Eluting Sugar: 100 mM L-fucose or Glycoprotein Eluting Solution (ES-3100)

Additional Information

Unit Size	2 ml
Applications	Glycobiology, Affinity Chromatography
Recommended Storage	2-8 °C DO NOT FREEZE
Solution	10 mM HEPES, pH 7.5, 0.15 M NaCl, 10 mM fucose, 0.08% sodium azide
Recommended Usage	Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin. Recommended product for eluting glycoconjugates bound to this agarose-lectin: Glycoprotein Eluting Solution, Cat. No. ES-3100. Alternatively, 100 mM L-fucose in buffered saline can be used. 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.
Matrix Conjugate	Lectins
Sugar Specificity	Fucose, Arabinose
Conjugate	Agarose

