



Ulex Europaeus Agglutinin I (UEA I), Agarose bound

AL-1063-2

[Product Images](#)



Short Description

Agarose bound *Ulex europaeus* agglutinin is prepared using our affinity-purified lectins. *Ulex europaeus* agglutinin I binds to many glycoproteins and glycolipids containing α -linked fucose residues, such as ABO blood group glycoconjugates. This lectin preferentially binds blood group O cells and has been used to determine secretor status. It has been established as an excellent marker for human endothelial cells.

Features:

- 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
- Product supplied as a 1:1 suspension in buffer
- Inhibiting/Eluting Sugar: 50 mM - 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, 0.1 mM CaCl_2 , 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

