

Active Native Ulex Europaeus Agglutinin I Protein, Agarose bound

Cat. No. Lectin-1849U **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Agarose bound Ulex Europaeus Agglutinin I and has sugar specificity against fucose and arabinose.
Species	Ulex Europaeus
Source	Ulex Europaeus
Description	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.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08 % sodium azide,
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose Carbohydrate-Binding Specificity: Fucose and Arabinose
Molecular Mass	63 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin. 2, Recommended product for eluting glycoconjugates bound to this agarose-lectin:

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Glycoprotein Eluting Solution. Alternatively, 100 mM L-fucose in buffered saline can be used.

3, 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.

Storage	Refrigerate. DO NOT FREEZE.
----------------	-----------------------------

Concentration	2 mg/ml of settled gel
----------------------	------------------------

GENE INFORMATION

Synonyms	Lectin; UEA I
-----------------	---------------

UniProt ID	P22972
-------------------	------------------------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA