

# Active Native Ulex Europaeus Agglutinin I Protein, Agarose bound

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

## SPECIFICATION

<b>Product Overview</b>	This product is the Agarose bound Ulex Europaeus Agglutinin I and has sugar specificity against fucose and arabinose.
<b>Species</b>	Ulex Europaeus
<b>Source</b>	Ulex Europaeus
<b>Description</b>	Ulex europaeus agglutinin I binds to many glycoproteins and glycolipids containing $\alpha$ -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.
<b>Form</b>	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08 % sodium azide,
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose Carbohydrate-Binding Specificity: Fucose and Arabinose
<b>Molecular Mass</b>	63 kDa
<b>Applications</b>	Glycobiology, Affinity Chromatography
<b>Usage</b>	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:

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 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](#)

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