

## UEA I Lectin (FITC)

**Cat. No. GTX01512**

<b>Application</b>	ICC/IF
<b>Species</b>	Ulex europaeus

Reference ( 9 )  
Package  
500 µg

### PRODUCT

#### Summary

The anti-H (O) hemagglutinating activity of Ulex europaeus has been used widely to confirm blood group O activity. UEA I binds to many glycoproteins and glycolipids containing  $\alpha$ -linked fucose residue. The purified lectin appears to be a dimer of two distinct polypeptide chains associated by noncovalent forces. This lectin does not react with Lea active blood group substance. The native protein has pI=6.0-6.1 and exhibits a Molecular weight 60,000-68,000 during gel filtration on Sephadex column.

### APPLICATION

**Product Note** Fucose blood group H

### PROPERTIES

**Form** Liquid

**Buffer** 10mM Phosphate (pH7.6), 150mM NaCl, 0.1mM Calcium Chloride

**Preservative** 0.05% Sodium azide

**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.

**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)

**Region/Sequence** Native Protein

**Expression System** Native Protein

**Purification** Purified from Ulex europaeus

**Conjugation** Fluorescein isothiocyanate (FITC)  
Absorption : 490 nm ; Emission : 520 nm. Ratio : 1.0-1.4 molecules FITC (isomer 1) per Lectin molecule.

#### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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