

Native Gorse Ulex europaeus Lectin (UEA I)

Cat. No. UEA I-729G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Gorse Ulex europaeus Lectin (UEA I) - Pure Blood Group Specificity: O>A2 Preferred Sugar Specificity: α-Fucose Inhibiting or Eluting Sugar: L-Fucose Divalent Ions: Ca⁺⁺, Mn⁺⁺, Zn⁺⁺ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Gorse
Source	Gorse
Description	Ulex europaeus agglutinin (UEA I) is affinity purified isolated from gorse seeds and separated from crude extract by affinity chromatography. It consists of two subunits. The lectin is a glycoprotein that has no mitogenic activity to agglutinates type O erythrocytes, and of a lesser degree to individuals with A2 erythrocytes. UEA I has been used as a marker for vascular endothelium and used to identify endothelial cells of benign vascular lesions more specifically than antibodies Factor VII-related antigen. UEA I coated magnetic beads have been used to isolate endothelial cells associated with micro-vessels for subsequent cell culture. This lectin has also been used to differentiate between angiosarcomas and epithelial tumor.
Form	Lyophilized

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Molecular Mass	63 kDa
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Purity	High Purity Grade
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Storage	At -20 centigrade.
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GENE INFORMATION

Official Symbol	UEA I
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Synonyms	Ulex europaeus Lectin; UEA I
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