

# Native Gorse Ulex europaeus Lectin (UEA I), TRITC-Conjugated

**Cat. No.** UEA I-519G    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Product Overview</b> | Native Gorse Ulex europaeus Lectin (UEA I) - TRITC (Rhodamine)                                                                                                                                                                                                                                                                                                                              |
|                         | Blood Group Specificity: Non-specific                                                                                                                                                                                                                                                                                                                                                       |
|                         | Preferred Sugar Specificity: $\alpha$ -Fucose                                                                                                                                                                                                                                                                                                                                               |
|                         | Inhibiting or Eluting Sugar: L-Fucose                                                                                                                                                                                                                                                                                                                                                       |
|                         | Divalent Ions: Ca <sup>++</sup> , Mn <sup>++</sup> , Zn <sup>++</sup>                                                                                                                                                                                                                                                                                                                       |
|                         | Excitation: 545-555 nm                                                                                                                                                                                                                                                                                                                                                                      |
|                         | Emission: 570-580 nm                                                                                                                                                                                                                                                                                                                                                                        |
|                         | Mitogenic Activity: No                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Hazardous Shipping: Non-hazardous                                                                                                                                                                                                                                                                                                                                                           |
|                         | Fluorescence: Orange                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Gorse                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Gorse                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Ulex europaeus Lectin (UEA I) is labeled with tetramethylrhodamine isothiocyanate (TRITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. TRITC is a bright orange or red-fluorescent dye with excitation ideally suited to the 532-nm laser line. TRITC labeled UEA I can be used for cellular imaging applications. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                      |

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|-------------------------|------------------------------|
| <b>Purity</b>           | High Purity Grade            |
| <b>Stability</b>        | Shelf Life: 1 year           |
| <b>Storage</b>          | At -20 centigrade.           |
| <b>Concentration</b>    | 2 mg/mL                      |
| <b>GENE INFORMATION</b> |                              |
| <b>Official Symbol</b>  | UEA I                        |
| <b>Synonyms</b>         | Ulex europaeus Lectin; UEA I |

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