

## Native Dutch iris Iris hybrid Lectin (IRA), AP-Conjugated

**Cat. No.** IRA-018D    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Native Dutch iris Iris hybrid Lectin (IRA) - AP (Alkaline Phosphatase)<br>Blood Group Specificity: Non-specific<br>Preferred Sugar Specificity: N-Acetylgalactosamine<br>Inhibiting or Eluting Sugar: N-Acetylgalactosamine<br>Divalent Ions: None Required<br>Hazardous Shipping: Non-hazardous                                                                                                                                                                                                                     |
| <b>Species</b>          | Dutch iris                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | Dutch iris                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | Affinity-purified IRA is conjugated with alkaline phosphatase (AP). AP is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate molecule resulting in a colored or fluorescent product, or release of light as a chemiluminescent byproduct of the reaction. AP has optimal enzymatic activity at a basic pH between pH 8 and 10, and its reaction rate remains linear in which detection sensitivity can be improved by allowing the reaction to continue for a longer time. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | High Purity Grade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Stability</b>        | Shelf Life: 1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | At -20 centigrade.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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|----------------------|---------|
| <b>Concentration</b> | 1 mg/mL |
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## GENE INFORMATION

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | IRA |
|------------------------|-----|

|                 |                         |
|-----------------|-------------------------|
| <b>Synonyms</b> | Iris hybrid Lectin; IRA |
|-----------------|-------------------------|

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