

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

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

SPECIFICATION

Product Overview	Native Dutch iris Iris hybrid Lectin (IRA) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: N-Acetylgalactosamine Inhibiting or Eluting Sugar: N-Acetylgalactosamine Divalent Ions: None Required Hazardous Shipping: Non-hazardous
Species	Dutch iris
Source	Dutch iris
Description	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.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.

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Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	IRA
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Synonyms	Iris hybrid Lectin; IRA
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