

Native Red Mulberry Morus rubra Lectin (MRL), AP-Conjugated

Cat. No. MRL-026R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Red Mulberry Morus rubra Lectin (MRL) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galactose, N-Acetylgalactosamine Inhibiting or Eluting Sugar: Galactose Divalent Ions: None Required Hazardous Shipping: Non-hazardous
Species	Red Mulberry
Source	Red Mulberry
Description	Affinity-purified MRL 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
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	1 mg/mL

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GENE INFORMATION

Official Symbol	MRL
Synonyms	Morus rubra Lectin; MRL