Native Coral tree Erythrina cristagalli Lectin (ECL/ECA), Ferritin-Conjugated

Cat. No. ECL/ECA-261C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Coral tree Erythrina cristagalli Lectin (ECL/ECA) - Ferritin Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ4GlcNAc Inhibiting or Eluting Sugar: Lactose Divalent Ions: Ca++, Mn++, Zn++ Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Coral tree
Source	Coral tree
Description	Erythrina cristagalli lectin or agglutinin (ECL/ECA) is affinity purified lectin consists of two subunits with molecular weights of 28,000 and 26,000. ECL binds to carbohydrate structure in membrane and serum glycoproteins of mammalian cells. Lectin binding activity can be abolition through salic acid substitution. This allows for specificity to fractionate and isolate mammalian glycoproteins. Erythrina cristagalli (Coral tree) Lectin (ECL/ECA) is conjugated to ferritin, that has a molecular weight of 474,000 g/mol (all 24 subunits combined). Ferritin-conjugated lectins can be used to visualize localization of specific saccharide moirties and examine the distribution of plasma membrane glycoproteins. These conjugates can be viewed via electron microscopy.

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Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

Official Symbol	ECL/ECA
Synonyms	Erythrina cristagalli Lectin; ECL/ECA

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