

Datasheet for ECA – Erythrina cristagalli Lectin (Biotin)

ECA – Erythrina cristagalli Lectin (Biotin)	
ECA	Catalog Number: MGC-J205 Pkg: 1 mg Product Form: Lyophilized powder (salt-free) Storage: Stable for 1 year at 4°C Applications: Used for staining and detection of glycoprotein sugar chains.

Origin	Coral tree (Erythrina cristagalli)
Sugar Specificity	D-GalNAc, D-Gal. Binds strongly to Galβ1-4GlcNAc- > Lactose > GalNAc > Galactose
Mitogenic Activity	Present
Blood Type Specificity	Non-specific
Structure	Glycoprotein of 56,800 Da, made up of two subunits (28,000 and 26,000 Da), containing Ca ²⁺ and Mn ²⁺ , rich in acidic amino acids
Features	Binds to N-acetyllactosamine-containing complex-type N-glycans. Specificity is nearly the same as RCA120.

References

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