

Datasheet for ECA – Erythrina cristagalli Agglutinin

ECA – Erythrina cristagalli Agglutinin	
ECA	Catalog Number: MGC-J106 Pkg: 5mg Product Form: Lyophilized powder (salt-free) Storage: Stable for 1 year at 4°C

Origin	Coral tree (Erythrina cristagalli)
Sugar Specificity	Binds to D-GalNAc, D-Gal Binding strength: N-Acetyllactosamine (Gal β 1-4GlcNAc-) > Lactose > GalNAc > Galactose
Mitogenic Activity	Present
Blood Type Specificity	Non-specific
Structure	Glycoprotein with molecular weight 56,800 Composed of two subunits (MW 28,000 and 26,000) Contains Ca ²⁺ and Mn ²⁺ ; rich in acidic amino acids
Features	Binds to N-acetyllactosamine (Gal β 1-4GlcNAc-) structures on N-linked complex glycans Specificity is nearly identical to RCA120

References

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