Echicetin

**Description:** Echicetin is a C-type lectin-like protein isolated from the venom of the saw-Scaled viper (*Echis carinatus*) acting as agonist/antagonist of platelet receptors. Echicetin may provide new insights into platelet function.

**Application:** Echicetin is a C-type lectin from *Echis carinatus* that binds to platelet glycoprotein Ibα and blocks von Willebrand factor and thrombin binding. It can be used either to block these GPIbα functions or, if labelled with ^125^I or biotin or fluorescein isothiocyanate, to measure GPIbα expression levels. In the presence of plasma, echicetin agglutinates platelets via GPIbα and IgM and can be used to assess GPIbα expression levels directly, independently of von Willebrand factor levels or function.

**Origin:** *Echis carinatus* snake venom

**Reconstitution:** Dissolve vial in 0.5 ml dist. H2O and make 100 µl aliquots, freeze the ones not actively used and only store the aliquot at 4°C that is being actively used. For further dilution 10 mM Tris buffer pH 7.4 should be used.

**Storage:** May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, 2°-8°C. Avoid contamination of the reagents by micro-organisms. Shipment of product does not require cooling during the time of transportation.

**References:**


**Package size:** Vial containing 100 µg

**Code:** 119-03

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