Noscarin

Description: The prothrombin activator present in the venom of the mainland tiger snake (*Notechis scutatus*) cleaves the Arg274-Thr275 and Arg323-Ile324 bonds of bovine prothrombin. Prethrombin and meizothrombin occur as intermediates during prothrombin activation. This venom activity on prothrombin is greatly stimulated by the presence of Ca²⁺, phospholipids and FVa. This activator slowly converts factor Xa specific chromogenic substrates.

Origin: *Notechis scutatus* snake venom

MW: 54'000

Storage: May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, -20°C. Avoid contamination of the reagents by micro-organisms. Shipment of product does not require cooling during the time of transportation.

Unit definition: One Unit is defined as the enzyme activity that results in a clotting time of 40 s in normal plasma under defined conditions.


Package size: Bulk containing 0.5-3 U/mg

Code: 117-01

FOR RESEARCH USE ONLY. NOT FOR HUMAN USE OR DRUG USE.