

Hinweis/Note:

PENTAPHARM

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.
The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

Batroxobin maranhao

Description: Batroxobin is a thrombin-like proteolytic enzyme isolated from the venom of *Bothrops atrox*. It splits the 16 Arg-17 Gly bond in the A α -chain of fibrinogen and causes the release of fibrinopeptide A and the formation of fibrin I monomer or Des-AA-monomer which spontaneously aggregates into a clot of fibrin I.
Batroxobin also induces the release of tPA from endothelium.

Application: Due to its specific action on fibrinogen and its ability to clot platelet-rich plasma without affecting the integrity and functions of the platelets, and thanks to its insensitivity to thrombin inhibitors, batroxobin has found several applications as a tool in blood coagulation research and diagnosis.
Batroxobin can be used to determine fibrinogen in plasma, to measure the batroxobin clotting time (Reptilase[®] time) as a heparin-insensitive parallel to the thrombin time, to investigate dysfibrinogenemia, and to test the contractile system of platelets.

Origin: *Bothrops atrox* snake venom

MW: approx. 43'000

Storage: May be used by the expiry date given on the label when stored unopened, protected from moisture. Avoid contamination of the reagents by micro-organisms.
Shipment of product does not require cooling during the time of transportation.
Vial 100 BU/vial 2° – 8°C

References: Stocker K.
Application of snake venom proteins in the diagnosis of hemostatic disorders.
In: Medical Use of Snake Venom Proteins, Stocker K, ed. Boca Raton: CRC-Press
1990; 213-52.

Package size: Vial containing 100 BU

Code: 101-04

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