

Batroxobin Reference standard

Cat. No. Batroxobin-127B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Batroxobin is a hydrolytic enzyme derived from the venom of *Bothrops atrox*. Batroxobin clots plasma by converting fibrinogen to fibrin by the release of only fibrinopeptide A rather than fibrinopeptides A and B as does thrombin. The standard consists of a batch (1,000) of ampoules. These ampoules contain the residue after freeze-drying of a solution of highly purified Batroxobin, human serum albumin and buffer salts. The Batroxobin was isolated from the venom of *Bothrops atrox* and supplied by Pentapharm, Basle, Switzerland, through the good offices of Dr Kurt Stocker.

Species *Bothrops atrox*

Enzyme Unit Each ampoule contains 50 units of Batroxobin.

Usage

No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. Reconstitute the contents of the ampoule in 1 ml of distilled water.

Notes

This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratory's safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

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Stability

Reference materials are held at Creative Biomart within assured, temperature-controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label. It is our policy not to assign an expiry date to reference materials but accelerated degradation studies have indicated that this material is suitably stable when stored at -20°C or below for the assigned potency to remain valid until the product is replaced or withdrawn. These studies have also shown that the material is suitably stable for shipment at ambient temperature without any effect on the assigned potency. Users who have data supporting any deterioration in the characteristics of any reference preparation are encouraged to contact Creative Biomart.

Storage

Unopened ampoules should be stored in the dark at or below -20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

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