

Enzymax, LLC

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Product Information

Product Name: Defiberase
Catalog #: SP1008
Size:

Order: info@enzymax.net
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Product: Defiberase (Native)

Product Description or background:

Defibrase purified from snake venom (*Agkistrodon acutus*) is a thrombin-like, basic aminoacid hydrolytic enzyme which catalyzes the breakdown of arginine-glycine link within the fibrinogen molecule which has important clinical value in decreasing fibrinogen, dissolving thrombus, inhibiting platelet aggregation and improving microcirculation. Defibrase specifically cleaves the arginine-glycine bond on N-terminal of the α chain of fibrinogen, releasing fibrinopeptide A (FPA) and yielding a des-A fibrin monomer (or fibrin I). Des-A fibrin monomer and its unstable polymer (does not form cross-link and fibrin thrombus) are rapidly decomposed by fibrinolysis system or

phagocytized by the reticuloendothelial macrophage system and excreted out of the body safely. Thus, defibrase decreases fibrinogen concentration in plasma effectively to inhibit thrombosis.

Source: purified from snake venom of *Agkistrodon acutus*

Storage: stable for 12 months at -20°C.

Purity: \geq 95% by FPLC

Presentation: Lyophilized POWDER