Daboia Russelii venom (lyophilized)

Associated products

Daboia Russelii venom (frozen)

Informations

Snake venom proteases are useful tools for studying coagulation reactions. Venoms contain more than 20 different compounds, mostly proteins and polypeptides. Some of the proteins in snake venom have very specific effects on various biological functions including blood coagulation, blood pressure regulation, transmission of the nervous or muscular impulse and have been developed for use as diagnostic tools. Plasma coagulation Factors are usually inactive and require proteolytic activation as a first step towards a chronometric or colorimetric assay. It is often advantageous to use specific enzymes from snake venoms to activate coagulation Factors rather than physiological activators. In contrast to other activators, many snake venom enzymes are not dependent from cofactors, phospholipid or calcium ions.

Reference	Presentation	Format
6-VEN-RVVX-100	Vial	100 µg

Product derived from poisonous snake venom in lyophilized form.

MW(Da) : 67 000
Specific FX activator from Russell's viper venom. Zn2+ dependant endopeptidase, glycoprotein 2 disulfide linked subunits (Mr = 67 kDa, 26 kDa). RVV-X is used in diagnostic procedures to quantitatively convert the zymogen FX into FXa and zymogen FIX into FIXa. RVV-X is used in testing of lupus anticoagulants.

Advantages

The venom proteases offered are highly purified, homogenous preparations with the indicated activities.

Characteristics

All of our venom products are supplied in 50 % glycerol / water for storage at -20° C or supplied lyophilized at 2-8° C. Expiry date = 1 year

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