



## DATA SHEET

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### Product Description

<b>Product:</b>	E. Carinatus Viper Venom Prothrombin Activator
<b>Catalog Number:</b>	ECV-II
<b>Description:</b>	Purified from Echis Carinatus Viper (Indian saw-scaled viper) Venom. Metal dependant endopeptidase that cleaves the Arg332-Ile323 bond in prothrombin to form meizothrombin. This protease is inhibited by EDTA, DTT and o-phenanthroline. ECV-II is a single chain glycoprotein and is highly pure and homogenous by SDS-PAGE.
<b>Recommended Storage:</b>	-20 C
<b>Shipping Conditions:</b>	Cold pack
<b>Minimum Shelf Life:</b>	12 months from delivery

### Technical Information

<b>Purity:</b>	>95% by SDS-PAGE analysis
<b>Source:</b>	Snake venom
<b>Molecular Weight:</b>	56,000
<b>Extinction Coefficient:</b>	1

### Sample Characteristics

<b>Lot Number:</b>	ECV-II-SAMPLE
<b>Aliquot:</b>	1 x 0.1 mg
<b>Concentration:</b>	10.0 mg/ml
<b>Volume:</b>	0.01 ml
<b>Buffer:</b>	50% Glycerol
<b>Form:</b>	Liquid

Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

For *in vitro* laboratory use only

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