



native human Factor VIIa

Product No. ADG407act

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For Research use only!

Description

Human Factor VII has been purified from human plasma via Barium adsorption followed by immunopurification. The active form was generated by autoactivation under controlled calcification. Molecular weight: 50 kDa.

Caution

The source plasma for this product was tested prior to initiation of the manufacturing process, and was found negative or nonreactive for anti-HIV-112, HIV-1 antigen(s), HBsAg, STS, anti-HCV, anti-HBcore and anti-HTLV I & II. Extreme caution should be used when handling this material as there is a margin of error in all tests, and testing does not always disclose pathogens or other harmful substances contained in blood/plasma products.

Protein Determination

Protein concentration determined using a coefficient,

$$\sum \frac{1\%}{1 \text{ cm}, 280 \text{ nm}} = 13.9$$

Specific Activity

28000 U/mg. Specific activity is determined by Factor VII clotting assay. One unit of activity is equivalent to the factor VII activity in one milliliter of normal plasma (determined utilizing Beckman Coulter's ACL Top instrument and reagents).

Presentation

Screw-capped plastic microfuge tube containing 20 µg protein (1.9 mg/mL) in 50% (vol/vol) glycerol/water solution.

Storage

Store at -20°C.

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