

# Product Datasheet



## Product Description

<b>Product:</b>	Human coagulation Factor XIIIa
<b>Catalog Number:</b>	IHFXIIIA
<b>Description:</b>	Human Factor XIIIa is activated from Factor XIII by cleavage with human alpha thrombin. The thrombin is subsequently removed via chromatography. Factor XIIIa is responsible for catalyzing the formation of covalent bridges between fibrin units to increase the elasticity of the clot network. The resulting cross-linked fibrin is very insoluble and resistant to lysis.
<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>	Human plasma
<b>Molecular Weight:</b>	312,000
<b>Extinction Coefficient:</b>	1.38

## Sample Characteristics

<b>Lot Number:</b>	IHFXIIIA-SAMPLE
<b>Aliquot:</b>	1 x 0.25 mg
<b>Concentration:</b>	5.0 mg/ml
<b>Volume:</b>	0.05 ml
<b>Buffer:</b>	0.05M Tris-HCl; 0.1M NaCl; 0.001M EDTA; 10 U/ml Aprotinin; 0.05mM DTT; 50% Glycerol; pH 7.5
<b>Form:</b>	Liquid

For In Vitro laboratory use only

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