

Product Datasheet



Product Description

Product:	Human coagulation Factor XIII
Catalog Number:	IHF XIII
Description:	Human Factor XIII is a tetramer composed of two pairs of chains held together by noncovalent bonds. After activation of the zymogen via Thrombin to its active enzyme form, 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.
Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	3 years from delivery

Technical Information

Purity:	>95% by SDS-PAGE analysis
Source:	Human plasma
Molecular Weight:	320,000
Extinction Coefficient:	1.38

Sample Characteristics

Lot Number:	IHF XIII-SAMPLE
Aliquot:	1 x 0.25 mg
Concentration:	5.0 mg/ml
Volume:	0.05 ml
Buffer:	0.05M Tris-HCl; 0.1M NaCl; 0.001M EDTA; 10 U/ml Aprotinin; 20% Glycerol; pH 7.5
Form:	Frozen liquid

For In Vitro laboratory use only

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