

F12

Human Coagulation Factor Beta XIIA

Catalog No.	CSI20178A CSI20178B	Quantity:	100 µg 1.0 mg
Alternate Names:	HAF, HAE3, HAEX		
Description:	Human Factor beta-XIIa is a single chain polypeptide activated from homogeneous Human Factor XII by an autoactivation process with dextran sulfate.		
Concentration:	2.0 mg/ml		
Gene ID:	2161		
Source:	Human plasma		
Molecular Weight:	30 kDa		
Formulation:	Frozen liquid containing 4 mM Sodium acetate Buffer + 0.15 M NaCl, pH 5.3		
Purity:	>95% by SDS-PAGE analysis		
Endotoxin Level:	< 0.1 ng/µg of protein		
Biological Activity:	Determined by Clotting Assay		
Storage & Stability:	Store at -80°C. Stable for 3 years from delivery. Avoid repeated freeze-thaw cycles.		
Background:	Human Factor beta-XIIa is generated in vivo by kallikrein cleavage of Factor alpha-XIIa and contains the catalytic light chain and the C-terminal peptide of the heavy chain of Factor alpha-XIIa. Human Factor beta-XIIa is activated from homogeneous Human Factor XII by an autoactivation process with Dextran Sulfate followed by repurification to isolate Factor alpha-XIIa and Factor beta-XIIa. Complete activation is observed on SDS-PAGE. Factor XIIa is >95% pure by SDS-PAGE and activity is determined via clotting assay. Prepared from plasma found negative by FDA accepted methods for Anti-HIV1/2, Anti-HTLV I & II, HBsAg, Anti-HCV, Syphilis, HBC Ab, HIV-1 p24 Ag or HIV-1 RNA, HCV RNA and HBV RNA. Donors are screened for CJD (Creutzfeldt-Jakob Disease).		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.