

F12

Native Human Coagulation Factor Beta-XIIa

Catalog No.	CSI20178A CSI20178B	Quantity:	100 µg 1.0 mg
Alternate Names:	beta-FXIIa		
Description:	Human Factor beta-XIIa is generated <i>in vivo</i> 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.		
UniProt ID:	P00748		
Gene ID:	2161		
Source:	Human plasma		
Molecular Weight:	30 kDa		
Formulation:	4 mM Sodium acetate, 0.15 M NaCl, pH 5.3		
Purity:	>95% by SDS-PAGE analysis, fully activated		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 1.52$		
Biological Activity:	Determined by Clotting Assay		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		
Certification:	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).		

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