

**F12**

## **Native Human Coagulation Factor Beta-XIIA**

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



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