

F10

Native Human Factor Xa

Catalog No.	CRF146B CRF146C	Quantity:	500 µg 1 mg
Alternate Names:	Coagulation Factor Xa, F10a, FXa		
Description:	Factor Xa is prepared by activating purified Factor X with the Factor X activator isolated from Russell's viper venom. Cleavage occurs at the Arg51-Ile52 bond and releases an activation peptide. Factor Xa is purified from the activation mixture by chromatography over immobilized benzamidine.		
UniProt ID:	P00742		
Gene ID:	2159		
Source:	Human plasma		
Molecular Weight:	46 kDa		
Formulation:	Liquid in 50% (v/v) glycerol/H ₂ O		
Purity:	>95% by SDS-PAGE analysis		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 1.16$		
Specific Activity:	Measured in a Factor Xa clotting assay and/or chromogenic substrate 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:	Purified from Human Plasma that was tested and found negative for HIV-1/2, HIV-1 antigen(s), HBsAg, STS, antiHCV, anti-HBcore and anti-HTLV I & II.		

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