

F9

Native Human Factor IX

Catalog No.	CSI19800A CSI19800B	Quantity:	500 µg 2.5 mg
Alternate Names:	Coagulation factor IX, FIX, Christmas factor, Plasma thromboplastin component, PTC, HEMB		
Description:	Native Human Factor IX is prepared from fresh frozen plasma by a combination of conventional procedures and immunoaffinity chromatography. Human Factor IX, activated by either the Contact or Tissue Factor Pathway, is responsible for the activation of Factor X to Xa.		
UniProt ID:	P00740		
Gene ID:	2158		
Source:	Human plasma		
Molecular Weight:	56 kDa		
Formulation:	0.02 M Tris-HCl, 0.1 M NaCl, 0.001 M Benzamidine, pH 7.4		
Purity:	>95% by SDS-PAGE analysis. The protein shows no reduction upon incubation with 2-mercaptoethanol.		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 1.32$		
Biological Activity:	Activity is determined by a 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.		

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