

**F12**

## Native Human Coagulation Factor XII

<b>Catalog No.</b>	CSI20176A	<b>Quantity:</b>	0.5 mg
	CSI20176B		1.0 mg

**Alternate Names:** FXII, Hageman factor

**Description:** Human Factor XII is a single chain glycoprotein prepared from fresh human plasma by ion exchange chromatography. Factor XII is converted, principally from the action of kallikrein, into an active serine protease (Factor alpha-XIIa) that functions in the in vivo initiation of blood coagulation, fibrinolysis, and kinin formation.

**UniProt ID:** P00748

**Gene ID:** 2161

**Source:** Human plasma

**Molecular Weight:** 80 kDa

**Formulation:** 4 mM Sodium Acetate, 150 mM NaCl, pH 5.3

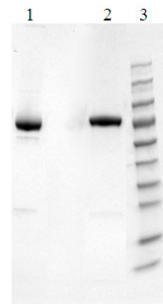
**Purity:** >95% by SDS-PAGE analysis

**Concentration:** ≥ 1.0 mg/ml, lot specific

**Extinction Coefficient:**  $E^{0.1\%}_{280nm} = 1.4$

**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).



1. Human Factor XII (5 ug) NR  
2. Human Factor XII (5 ug) R  
3. Molecular Weight Markers

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



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