

Factor XII, Human Plasma

CATALOG #:	7690-250	250 µg
ALTERNATE NAMES:	Hageman factor	
SOURCE:	Human Plasma. Purified from Human plasma that was tested and 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).	
MOL. WEIGHT:	80.00 kDa	
PURITY:	≥ 95% by SDS-PAGE; Shows no reduction upon incubation with 2-mercaptoethanol.	
EXTINCTION COEFFICIENT (1%):	14.1	
FORM:	Liquid	
FORMULATION:	In 4 mM Sodium Acetate-HCl, 0.15 M NaCl, pH 5.3.	
ACTIVITY:	Lot dependent.	
STORAGE CONDITIONS:	Store at -60°C or lower. Avoid repeated freezing and thawing cycles.	
DESCRIPTION:	Human Factor XII is a single chain glycoprotein with a molecular weight of about 80,000. Once activated, principally from the action of kallikrein, Factor XII is converted into an active serine protease (Factor α -XIIa) that functions in the in vivo initiation of blood coagulation, fibrinolysis, and kinin formation. Human Factor XII has been purified by ion exchange chromatography.	

RELATED PRODUCTS:

- Factor Va, Human Plasma (**Cat. No. 4098-10, 50**)
- Factor VII, Human Plasma (**Cat. No. 7686-100**)
- Factor VIIa, Human Plasma (**Cat. No. 7687-100**)
- Factor X, Human Plasma (**Cat. No. 7688-400**)
- Factor Xa, Human Plasma (**Cat. No. 7689-400**)
- Factor XIIa, Human Plasma (**Cat. No. 7691-250**)

FOR RESEARCH USE ONLY! Not to be used in humans.