

Factor XIIa, Human Plasma
Hageman factor
Catalog # PBV11267r**Specification**

Factor XIIa, Human Plasma - Product info

Primary Accession [P00748](#)
Calculated MW **80.00 kDa KDa**

Factor XIIa, Human Plasma - Additional Info

Gene ID	2161
Gene Symbol	F12
Other Names	
Hageman factor	
Gene Source	Human
Source	Human Plasma
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	No
Results	Lot dependent
Target/Specificity	
Factor XIIa	

Format
Liquid

Storage
-80°C; In 4 mM Sodium Acetate-HCl, 0.15 M NaCl, pH 5.3.

Factor XIIa, Human Plasma - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Factor XIIa, Human Plasma - Images**Factor XIIa, Human Plasma - Background**

Human Factor α -XIIa is a serine protease responsible for the activation of Factor XI to XIIa in the

contact activation system. Human Factor XII and prekallikrein are thought to be involved in a reciprocal activation mechanism in which Factor XIIa activates prekallikrein to kallikrein, which in turn converts Factor XII to XIIa. Factor XIIa activates Factor XI to XIa thereby triggering the Contact Factor cascade.

Factor XIIa, Human Plasma - References

Cool D.E.,et al.J. Biol. Chem. 262:13662-13673(1987).
Schmutz J.,et al.Nature 431:268-274(2004).
Tripodi M.,et al.Nucleic Acids Res. 14:3146-3146(1986).
Cool D.E.,et al.J. Biol. Chem. 260:13666-13676(1985).
Que B.G.,et al.Biochemistry 25:1525-1528(1986).