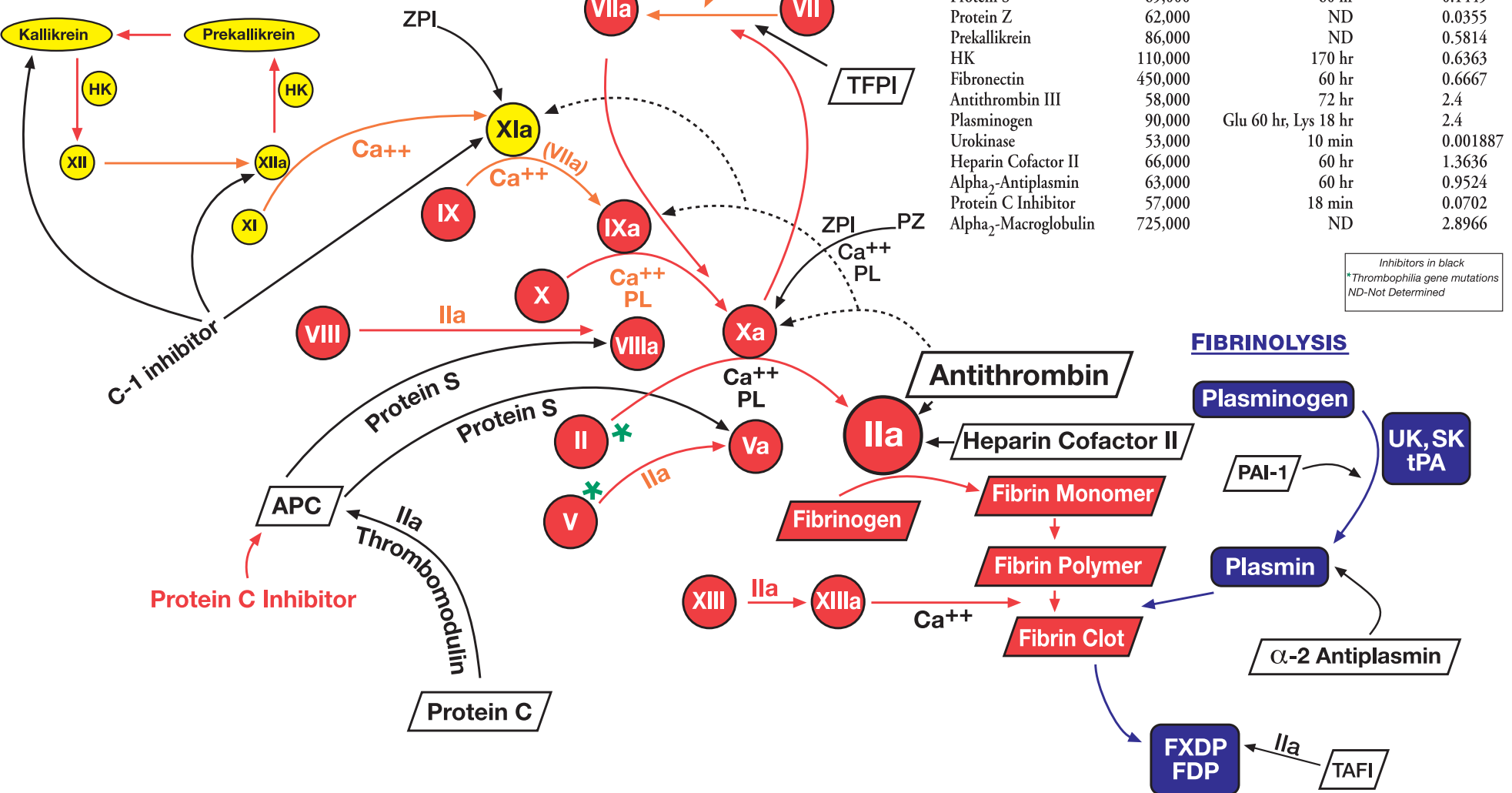




# TISSUE FACTOR PATHWAY

(Extrinsic Pathway)  
"Tissue Damage"

## CONTACT FACTOR PATHWAY (Intrinsic Pathway)



### Protein Concentrations

Component	Molecular Weight	Plasma Half Life	Plasma Concentration $\mu\text{M}$
Fibrinogen (I)	330,000	120 hr	9.09
Prothrombin (II)	72,000	100 hr	1.388
Factor V	330,000	25 hr	0.03
Factor VII	50,000	5 hr	0.01
Factor VIII	330,000	10 hr	0.0003
Factor IX	56,000	20 hr	0.08928
Factor X	58,800	65 hr	0.13605
Factor XI	160,000	65 hr	0.031
Factor XII	80,000	60 hr	0.375
Factor XIII	320,000	150 hr	0.03125
Protein C	62,000	6 hr	0.0645
Protein S	69,000	60 hr	0.1449
Protein Z	62,000	ND	0.0355
Prekallikrein	86,000	ND	0.5814
HK	110,000	170 hr	0.6363
Fibronectin	450,000	60 hr	0.6667
Antithrombin III	58,000	72 hr	2.4
Plasminogen	90,000	Glu 60 hr, Lys 18 hr	2.4
Urokinase	53,000	10 min	0.001887
Heparin Cofactor II	66,000	60 hr	1.3636
Alpha <sub>2</sub> -Antiplasmin	63,000	60 hr	0.9524
Protein C Inhibitor	57,000	18 min	0.0702
Alpha <sub>2</sub> -Macroglobulin	725,000	ND	2.8966

Inhibitors in black  
\*Thrombophilia gene mutations  
ND-Not Determined