

CLOTTING CASCADE

Intrinsic Pathway

Damage to blood vessel surface

XII

XII_a

XI

XI_a

IX

IX_a

X

X_a

Prothrombin

Thrombin

Fibrinogen

Fibrin

Fibrin clot

Ca²⁺

Common Pathway

V_a

Ca²⁺

Extrinsic Pathway

Tissue Damage

Ca²⁺

III

VII_a

VII

Ca²⁺

X

X_a

XIII

XIII_a

Ca²⁺