

F13A1, F13B Human Coagulation Factor XIII

Catalog No.	CSI20179A	Quantity:	250 µg
	CSI20179B		1.0 mg

Alternate Names: F13A, F13A1 (A chain), and FXIIIB, F13B (B chain)

Description: Human Factor XIII is a tetramer composed of two pairs of chains held together by noncovalent bonds. After activation of the zymogen via Thrombin to its active enzyme form, activated Factor XIIIa is responsible for catalyzing the formation of covalent bridges between fibrin units to increase the elasticity of the clot network. The resulting cross-linked fibrin is very insoluble and resistant to lysis.

Concentration: 5.0 mg/ml

Gene ID: 2162 (A chain) + 2165 (B chain)

Source: Human plasma

Molecular Weight: 320 kDa

Formulation: Frozen liquid containing 0.05 M Tris-HCl Buffer + 0.15 M NaCl + 0.001 M EDTA + 10 U/ml Aprotinin + 20% Glycerol , pH 7.5

Purity: >95% by SDS-PAGE analysis

Endotoxin Level: < 0.1 ng/µg of protein

Storage & Stability: Store at -80°C. Stable for 3 years from delivery. **Avoid repeated freeze-thaw cycles.**

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