

Native Porcine Fibrinogen

Catalog No.	CSI20069A	Quantity:	25 mg
	CSI20069B		100 mg

Alternate Names: Factor I

Description: Fibrinogen, also called Factor I, is the principal protein of vertebrate blood clotting forming a hexamer containing two sets of three different chains (alpha, beta, and gamma), linked to each other by disulfide bonds. The N-terminal sections of these three chains contain the Cysteines that participate in the cross-linking of the chains. The C-terminal parts of the alpha, beta, and gamma chains contain a domain of about 225 amino acid residues, which can function as a molecular recognition unit, engage in protein-protein interactions, and bind carbohydrates. On the fibrinogen alpha and beta chains, there is a small peptide sequence (called a fibrinopeptide) that prevents fibrinogen from spontaneously forming polymers with itself. Fibrinogen is the precursor of Fibrin. Fibrin, also called Factor Ia, is a fibrous protein involved in the clotting of blood, and is non-globular.

Concentration: 10 mg/mL

Source: Porcine Plasma

Molecular Weight: 340 kDa

Formulation: Frozen Liquid in 0.02 M Sodium Citrate-HCl pH 7.4

Purity: Plasminogen depleted by Lysine Affinity Chromatography

Storage & Stability: Store at -70°C. Thaw protein in a 37°C water bath. Aliquot and flash freeze unused portion.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

