

Product Data Sheet



Product number **F004**
Revision number **RN3.0**

Product Name	Fibrinogen, purified from human plasma
Synonym	Factor I
Unit size/Quantity	50 mg
Source	Tested human plasma from healthy donors
Solubility	20 mg/ml in water
Dry Substance	100 mg
Total protein	75 mg
	Contains Human Serum Albumin (HSA), Sodium chloride, Arginin and Sodium citrate.
Molecular Weight	340 kDa
Description	Fibrinogen (factor I) is a plasma glycoprotein that is converted by thrombin into fibrin during blood coagulation. Fibrin forms the blood clot and is subsequently cross linked by factor XIIIa. Human Factor I is a hexamer composed of three pairs of chains ($\alpha_2\beta_2\gamma_2$).
Appearance	White solid
Activation	Ca ²⁺ , Thrombin
Storage	Store at 2 – 8 °C. DO NOT FREEZE! Stock solutions are reported to be stable for several hours.
	<i>Delivery is possible at ambient temperature</i>
Related products	F006 FITC-labelled Fibrinogen T027 Human blood coagulation Factor XIII, recombinant T056 Human alpha thrombin, highly active G101 Gly-Pro-Arg-Pro-amide
Release date	02 December 2021
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.