Fibrinogen (human plasma)

Fibrinogen is a soluble glycoprotein found in the plasma, with a molecular weight of 340kDa. It comprises of three pairs of non-identical polypeptide chains (alpha, 63.5kDa, beta, 56kDa, and gamma, 47kDa chains) linked to each other by disulphide bonds. Low plasma fibrinogen concentrations are therefore associated with an increased risk of bleeding due to impaired primary and secondary hemostasis. Therefore Fibrinogen is an essential component of the blood coagulation system. Also it may play key roles in the process of atherosclerotic lesion formation, with subsequent effects on cardiovascular diseases. And increasing evidence from epidemiological studies suggests that elevated plasma fibrinogen levels are associated with an increased risk of ischaemic heart disease (IHD), stroke and other thromboembolism.

Citations: 2 View Online »

Ordering Information

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ENZ-PRT157-0100	100mg

Manuals, SDS & CofA

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Handling & Storage

Short Term Storage	-80°C
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Factor 1
Formulation	Liquid. In 20mM sodium citrate-HCl, pH 7.4.
MW	~330 kDa
Purity	≥95%
Source	Isolated from human plasma. Plasminogen depleted.
UniProt ID	P02671 (α chain), P02675 (β chain), P02679 (γ chain)

Last modified: May 29, 2024

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