

Pefabloc[®]FG

Description: Pefabloc[®]FG binds with a high affinity to fibrinogen, inhibits fibrin polymerization, modifies the mechanical properties of fibrin clots and can dissociate non-stabilized fibrin gels.

Application: Pefabloc[®]FG is added to fibrinogen containing reaction mixtures to inhibit disturbing fibrin-related turbidity, gel formation and fibrin deposition in diagnostic and preparative procedures (e. g. measurement of thrombin generation in plasma). Pefabloc[®]FG is also used to inhibit fibrin formation during purification and processing of clotting factors and other plasma proteins.

Recommended Pefabloc[®]FG concentrations:

Application:	Concentration
Gelation prevention:	
des-AB-fibrin	0.5-2.3 mM
des-A-fibrin	2.3 mM
human plasma, HC-II test	0.5 mg/ml
bov. fibrinogen 0.2% / thrombin 0.5 U/ml	1.5 mg/ml
Clot liquefaction:	
des-AB-fibrin	15.0 mM
des-A-fibrin	1.0 mM

Formula: H-Gly-Pro-Arg-Pro-OH·AcOH

MW: 485.5

Solubility: readily soluble in water

Storage: May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, 2-8°C. Avoid contamination of the reagents by micro-organisms. Shipment of product does not require cooling during the time of transportation.

References: Furlan M, Rupp C, Beck E A, Svendsen L.
Effect of calcium and synthetic peptides on fibrin polymerization.
Thromb Haemost 1982; 47: 118-21.

Prasa D, Svendsen L, Stürzebecher J.
The ability of thrombin inhibitors to reduce the thrombin activity generated in plasma on extrinsic and intrinsic Activation.
Thromb Haemost 1997; 77: 498-503.

Package size: Vial containing 50 mg
Bulk [g]

Code: 099-11
099-01

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