

LYSIS TIMER

A New Sensitive Tool to Explore Fibrinolysis

Introduction

Fibrinolysis plays a crucial role in maintaining an equilibrium in blood circulation. An imbalance in the fibrinolysis system can cause a variety of clinical problems such as thrombotic risk, extensive bleeding and inflammation.

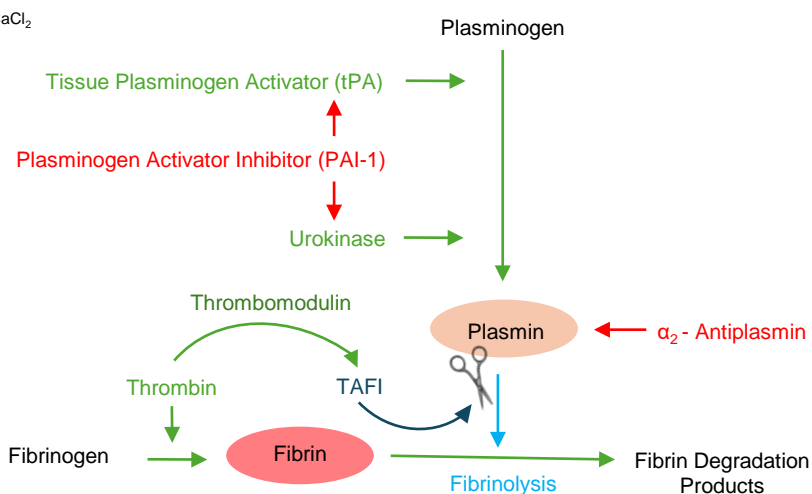
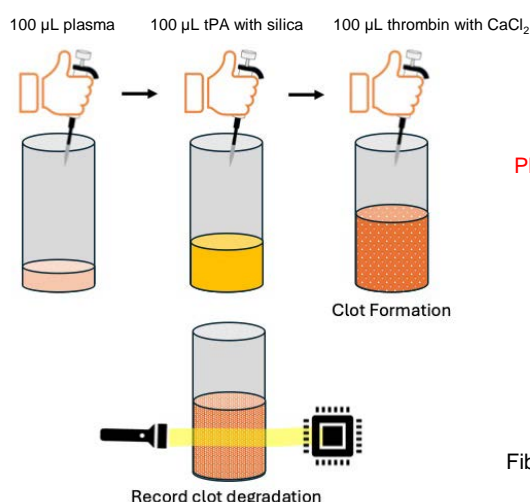
The Lysis Timer is a semi-automated device for studying the Global Fibrinolytic Capacity (GFC) in citrated human plasma. Thrombin is used to form a blood clot whilst small amounts of tPA trigger fibrinolysis. The instrument is analysing the clot dissolution kinetics resulting in a clot lysis time.

For the evaluation of the Global Fibrinolytic Capacity (GFC)



- ✓ Sensitive to tPA related fibrinolysis deviations
- ✓ Uses only 100 μ L of citrated plasma
- ✓ Easy two-step semi-automated assay
- ✓ Sensitive to both hyper- and hypo-fibrinolysis
- ✓ Low, normal and high controls available
- ✓ One test provides a full fibrinolytic profile in 1 hour
- ✓ Strong correlation with underlying fibrinolysis parameters
- ✓ Standardized test protocol

Assay principle



Available products

Product	Reference	Details
Lysis Timer Instrument	LT-8V	8 channel system including software
Glass Tubes for Lysis Timer	LT-CV	Box of 144 tubes
GFC-Test	CK093K	Set of 3x2 mL
GFC Control Plasma	SC104K	Set of 2x3x1 mL

