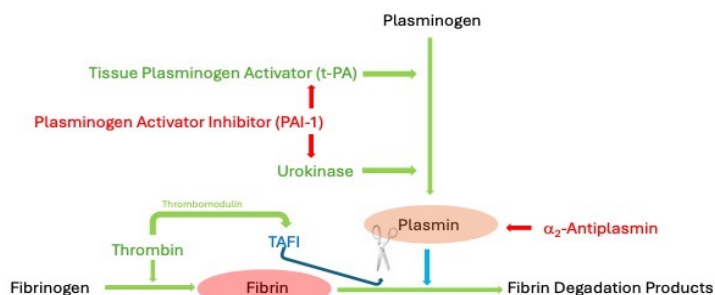


### Introduction

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

The Lysis Timer is a semi-automated device for studying euglobulin lysis time 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.

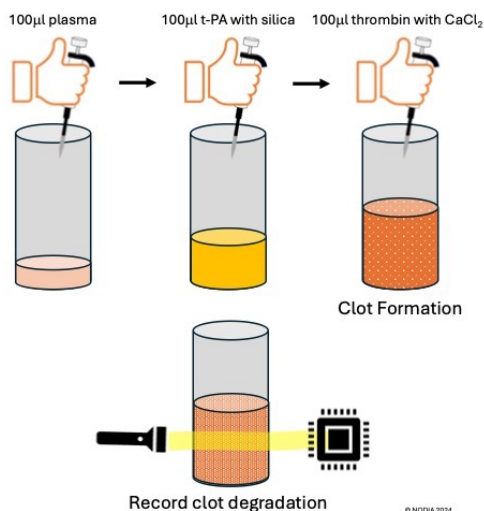


## For the evaluation of the Global Fibrinolytic Capacity (GFC)



- ✓ Standardized Test Protocol
- ✓ Uses only 100µl 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
- ✓ Sensitive to tPA related fibrinolysis deviations

### Assay principle



### Typical results

Fig. 1

Hyper-fibrinolysis  
(< 30 min)

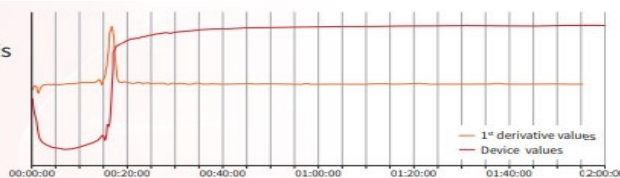


Fig. 2

Normal  
Fibrinolysis time  
(30 to 60 min)

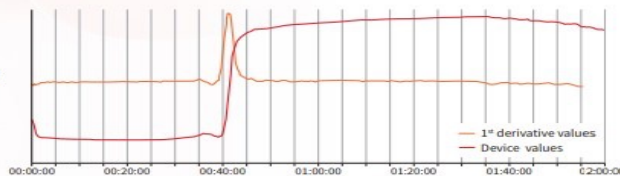
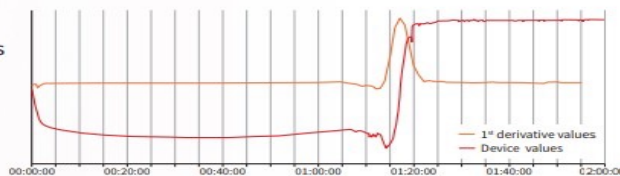


Fig. 3

Hypo-fibrinolysis  
(> 60 min)



### Available products

| Product                     | Reference | Info                            |
|-----------------------------|-----------|---------------------------------|
| Lysis Timer Instrument      | ALT-8V    | 8 Channel System incl. software |
| Glass Tubes for Lysis Timer | ALT-CV    | Box of 144 tubes                |
| GFC-Test                    | ACK093K   | Set of 3 x 2 ml                 |
| GFC Control Plasma          | ASC104 K  | Set of 2 x 3 x 1 ml             |

\*For Research Use Only. Not For Use In Diagnostic Procedure



