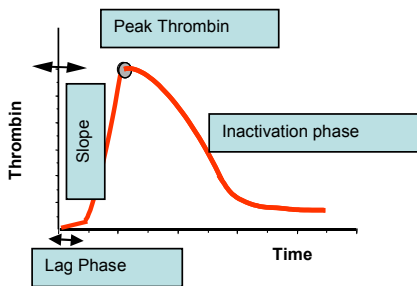




TECHNOTHROMBIN® TGA (THROMBIN GENERATION ASSAY)

Give thrombotic potential a number.

TEST PRINCIPLE



- Based on monitoring the formation of thrombin by means of a fluorogenic substrate upon activation of the coagulation cascade by tissue factor
- Diverse applications - measures whole kinetics of thrombin generation
- Universal tool to be used in bleeding and clotting studies
- Separate calibration sample not required
- Measure multiple parameters: Lag time, velocity, peak thrombin, AUC

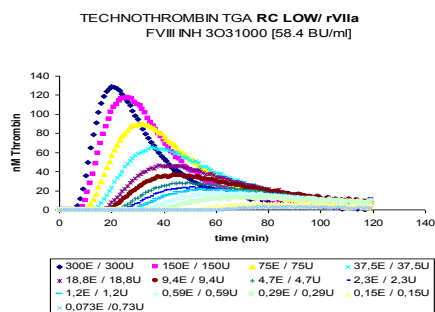
TECHNOTHROMBIN® TGA TRIGGER

Reagent	Purpose
TGA RA	To study the activity of circulating micro-particles contained in platelet-poor plasma
TGA RB, RC Low	Research thrombophilic tendency and FVIII inhibitors
TGA RC High	Anticoagulation studies
TGA RD	Heparin studies, direct thrombin and Xa inhibitor research

TECHNOTHROMBIN® TGA

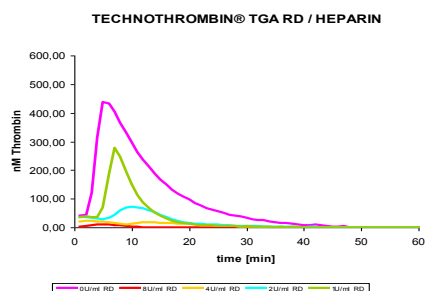
(THROMBIN GENERATION ASSAY)

FVIII INHIBITOR ANALYSIS



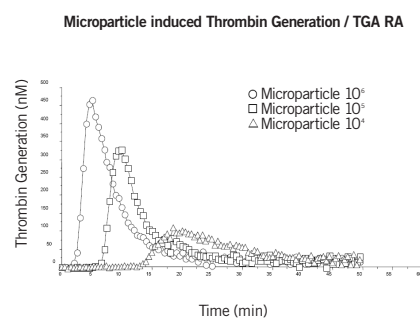
Application dependent reconstitution of thrombin generation potential in Factor VIII inhibitor plasma after addition of FEIBA (Factor Eight Inhibitor Bypassing Activity) or rFVIIa.

ANTICOAGULANT ANALYSIS



Application dependent decrease of thrombin generation potential in plasma after addition of different heparin, direct Xa inhibitor or thrombin inhibitor concentrations.

THROMBIN GENERATION BY MICROPARTICLES



Thrombin generation induced by microparticles can be measured by the TECHNOTHROMBIN® TGA assay. The amount of thrombin generated is dependent on the number of micro particles present in the sample.

QUANTITATIVE MEASUREMENT OF THROMBIN GENERATION



- CEVERON(r) alpha with TGA module offers walk-away fluorescence for TGA
- Just reconstitute reagents and start
- Superior instrumentation and LED lamp for continuous fluorogenic measurements at 37°C
- Can be used with fluorescent readers with 360 nm excitation/ 460 nm emission filters

DESCRIPTION

- TECHNOTHROMBIN® TGA Kit

MODULAR REAGENTS

- TECHNOTHROMBIN® TGA RA 5006205 • 5 x 0.5 mL
- TECHNOTHROMBIN® TGA RA 5006206 • 50 x 0.5 mL
- TECHNOTHROMBIN® TGA RB 5006209 • 5 x 0.5 mL
- TECHNOTHROMBIN® TGA RB 5006210 • 50 x 0.5 mL
- TECHNOTHROMBIN® TGA RC Low 5006212 • 5 x 0.5 mL
- TECHNOTHROMBIN® TGA RC Low 5006213 • 50 x 0.5 mL
- TECHNOTHROMBIN® TGA RC High 5006214 • 5 x 0.5 mL
- TECHNOTHROMBIN® TGA RC High 5006216 • 50 x 0.5 mL
- TECHNOTHROMBIN® TGA RD 5006220 • 5 x 1.5 mL
- TECHNOTHROMBIN® TGA RD 5006222 • 50 x 1.5 mL
- TECHNOTHROMBIN® TGA SUB 5006235 • 5 x 1.5 mL
- TECHNOTHROMBIN® TGA SUB 5006230 • 50 x 1.5 mL

REFERENCE & PACKAGING

- 5006010 • 3x16T

ADDITIONAL CONTROLS

- TECHNOTHROMBIN® TGA Control High 5006320 • 5 x 1 mL
- TECHNOTHROMBIN® TGA Control Low 5006330 • 5 x 1 mL
- TECHNOTHROMBIN® TGA CAL Set 5006345 • 1 Set



Customer Service 800.526.5224
Technical Support 800.447.3846
diaPharma.com