

technoclone

THROMBIN GENERATION

Fully automated - as easy as a routine assay

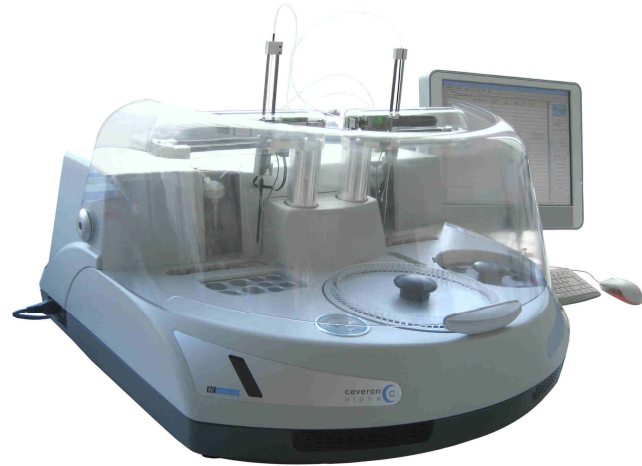


A clear view into the future!

FULLY AUTOMATED THROMBIN GENERATION

- **Thrombin generation on Ceveron® alpha TGA**
- **Handling as easy as a routine assay**
- Possibility to run routine assays and TGA from the **same sample** in one run
- **LIS** compatible
- **Easy** evaluation with the integrated, user-friendly software
- Possibility to stop measurement automatically at peak thrombin - significantly **reduced turn-around-time**
- Access to **raw data**
- Pre-programmed method for each trigger
- The first **CE marked** TGA Assay

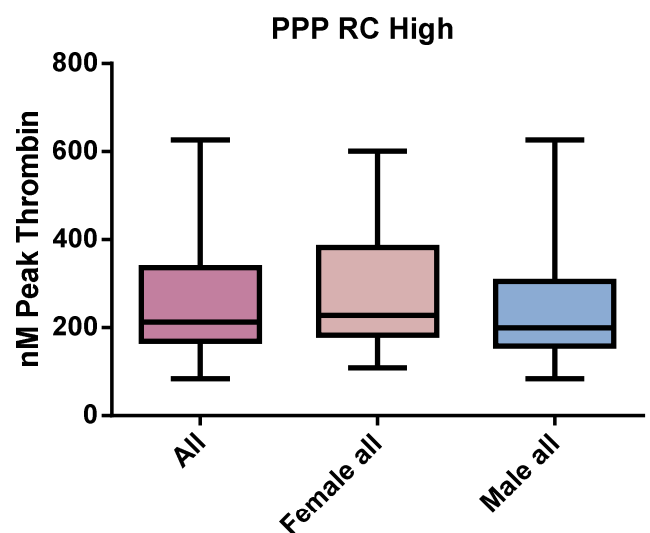
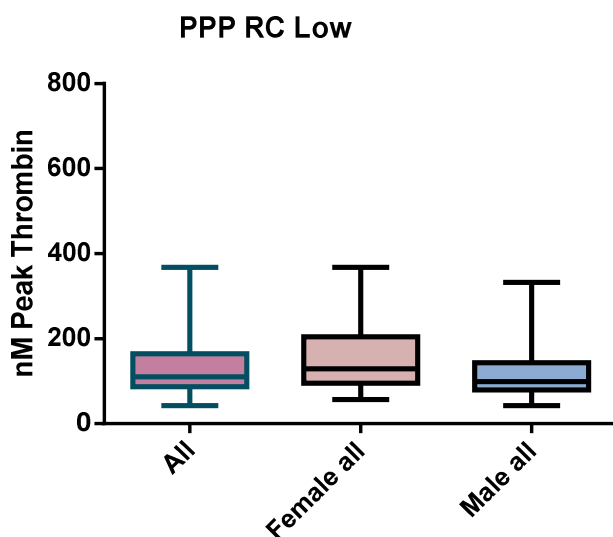
ceveron®
alpha 



Thrombin generation for routine use

Normal ranges

A requirement for routine use

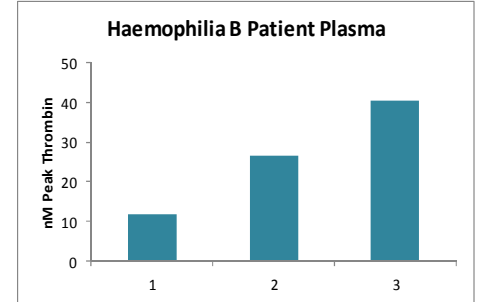
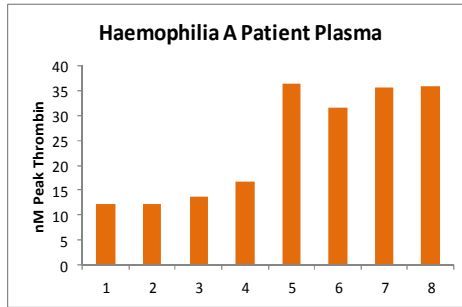


Thrombin generation for routine use

Haemophilia

CEVERON® TGA RB Kit for

- the measurement of bleeding tendency
- for monitoring therapy in haemophilia patients
- for monitoring FVIII Inhibitor bypassing therapy

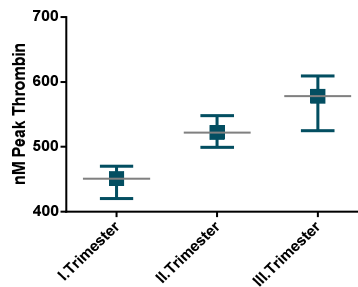


Despite FVIII/FIX values of <math><0,01\text{IU/mL}</math> Thrombin Generation shows significant differences correlating with the clinical picture.

Thrombophilia

CEVERON® TGA RC Low Kit for the measurement of thrombophilic tendency like for example

- Pregnancy
- Aneurysm
- DVT
- FV Leiden

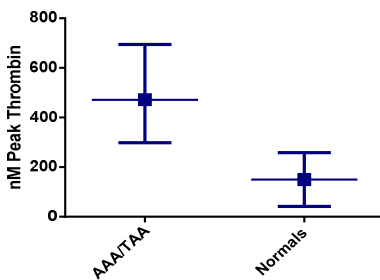


Preeclampsia and thrombin generation test, Lattová V. et al., Ceska Gynacol. 2013, 78(5)

Preeclampsia and activation of thrombin generation

In the third trimester, during the manifestation of the disease,

patients with preeclampsia have significantly higher thrombin generation compared to patients with normal pregnancies.



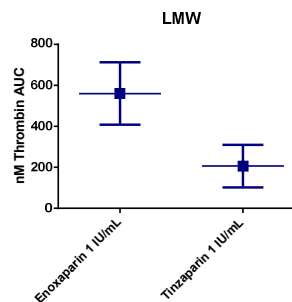
Patients with abdominal and thoraco-abdominal aortic aneurysm (AAA/TAA) show abnormal high Peak Thrombin, which correlate with aneurysm size.

Mehtab Ahmad, NHS UK

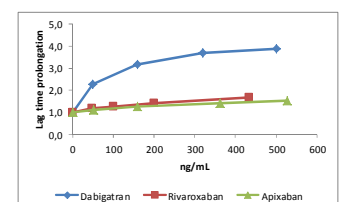
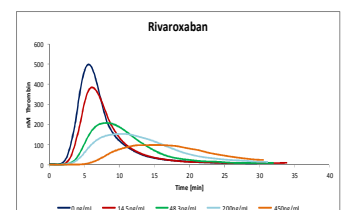
Anticoagulation

CEVERON® TGA RC High Kit for monitoring the effectiveness of a anticoagulant therapy with

- direct Xa-Inhibitors
- direct IIa-Inhibitors
- indirect Xa and IIa Inhibitors



PLOS One January 2015, Owain T. et al



Thrombin generation detects differences in the coagulation capacity in anticoagulated plasma samples

Product	Description	REF	Package
CEVERON® TGA RB Kit	2 x 1 ml TGA RB Reagent	5006011	~ 2x60 tests
	2 x 1.5 ml TGA BUF		
	2 x 3 ml TGA SUB		
	2 x 1 ml TGA CONT H		
	2 x 1 ml TGA CONT L		
	1 x 25 ml 25 mM Calcium Chloride Solution		
CEVERON® TGA RC Low Kit	2 x 1 ml TGA RC Low Reagent	5006013	~ 2x60 tests
	2 x 1.5 ml TGA BUF		
	2 x 3 ml TGA SUB		
	2 x 1 ml TGA CONT H		
	2 x 1 ml TGA CONT L		
	1 x 25 ml 25 mM Calcium Chloride Solution		
CEVERON® TGA RC High Kit	2 x 1 ml TGA RC High Reagent	5006015	~ 2x60 tests
	2 x 1.5 ml TGA BUF		
	2 x 3 ml TGA SUB		
	2 x 1 ml TGA CONT H		
	2 x 1 ml TGA CONT L		
	1 x 25 ml 25 mM Calcium Chloride Solution		

Product	Description	REF	Package
CEVERON® TGA CAL Set	1 x 0.5 ml TGA CAL 1 x 3 ml TGA BUF	5006347	1 set

