

technoclone



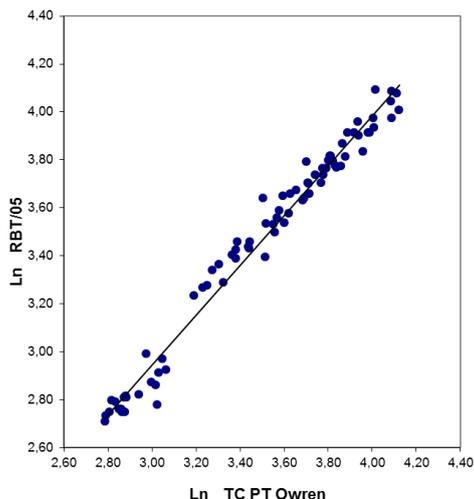
TECHNOCLOT[®] PT Owren automated

Standardised rabbit brain thromboplastin with the addition of Fibrinogen and Factor V.

The next generation of Thrombotest[®] & Normotest[®]

A clear view into the future!

PRODUCT INFORMATION

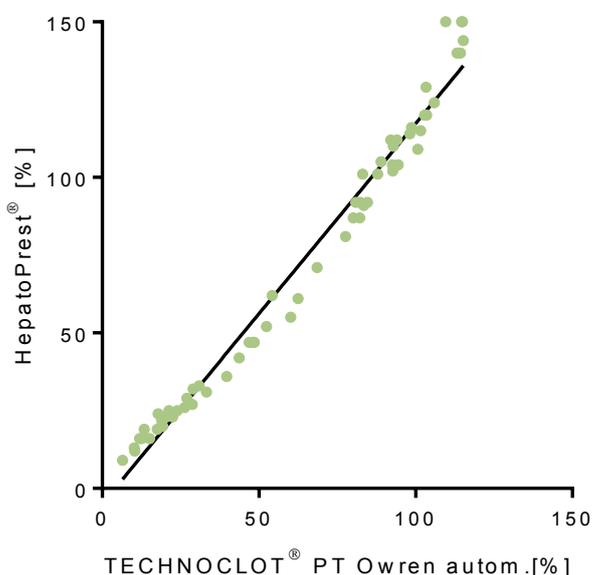


- TECHNOCLOT® PT Owren is a cost-effective and high-quality solution for your laboratory
- High sensitivity to factor II, VII and X
- Insensitivity to alterations in factor V and fibrinogen levels
- Good correlation with CoaguCheck® and other PT systems on the market
- Calibrated against the WHO Standard RBT/05 (Rabbit brain thromboplastin)
- Very good correlations with inter- and intra assays
- Heparin insensitive up to 1 IU/mL UFH and 1,5 IU/mL LMWH

Advantages and innovations:

- Calibration and control kit specifically for capillary blood method available
- Same sample handling as with Normotest® and Thrombotest®
- Reagent reconstitution with distilled water
- No new equipment requirements
- Applications sheets for coagulation analyzers are available

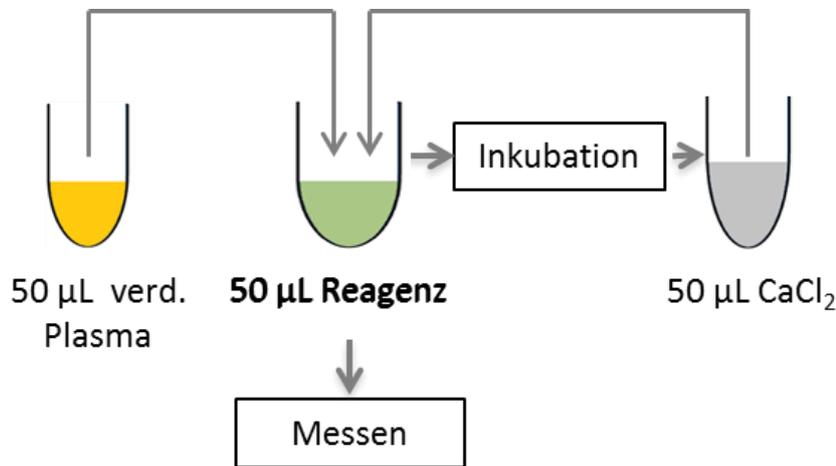
CORRELATION



TECHNOCLOT® PT Owren automated was compared in studies to HepatoPrest® - and shows very good correlation data.

TECHNOCLOT® PT Owren automated

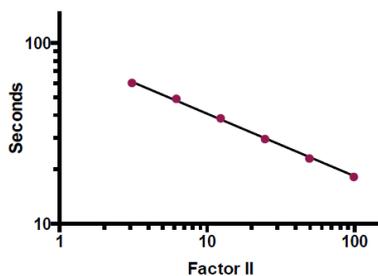
- Optimised for automated use in the plasma-dilution method
- Plasma sample is diluted 1 + 9 with Imidazole buffer
- High on-board stability of 5 days due to separate addition of 25 mM CaCl₂
- Test procedure:



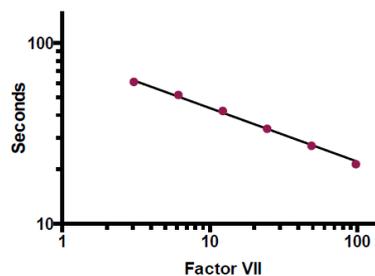
- Excellent intra-assay as well as inter-assay precision

Sample	Intra assay		Inter assay	
	1	2	1	2
n	21	21	21	21
MV %	93,9	12,9	88,3	53,5
SD (%)	0,5	0,2	0,5	0,3
CV (%)	0,5	1,6	0,6	0,6

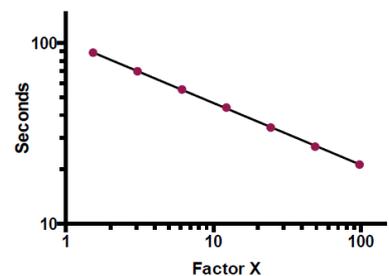
- High Factor II, VII and X sensitivity



	Technoclot® PT Owren
R square	0.9980

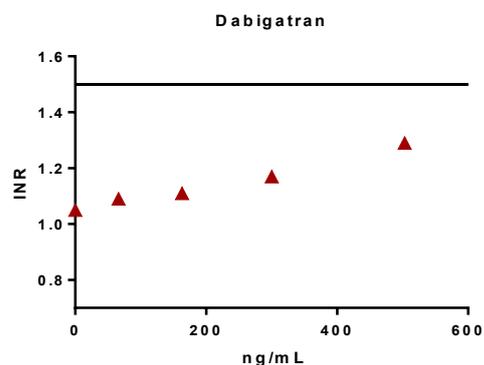
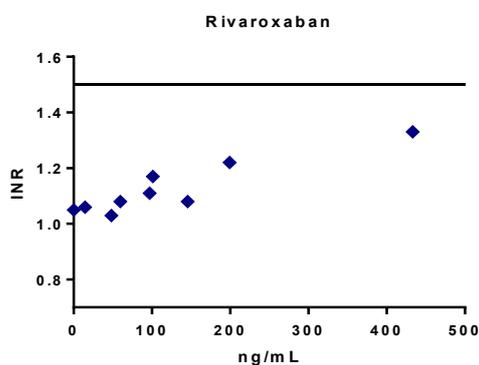


	Technoclot® PT Owren
R square	0.9964



	Technoclot® PT Owren
R square	0.9999

- No interferences by DOACs ♦ INR values are <1.5 INR up to concentrations of 500ng/mL Dabigatran or Rivaroxaban



Product	Description	REF	Package
TECHNOCLOT® PT Owren automated ISI < 1.2	Lyophilized thromboplastin. For the determination of the combined factors II-VII-X.	5005044	10 x 4 ml
		5005046	10 x 10 ml
Auxiliary reagent required and not supplied with the kit			
CaCl₂ 25 mM	Reaction buffer for TECHNOCLOT® PT Owren automated	5277017	25 ml
		5277020	6 x 25 ml
Imidazole Buffer	Sample dilution buffer for TECHNOCLOT® PT Owren automated	5410008	25 ml
		5410007	6 x 25 ml
Anticoagulant Pass	Anticoagulant Pass - english	9801002	1 pc.

CALIBRATION PLASMA

Product	Description	REF	Package
AK-Calibrant	Calibration set containing 4 calibration plasmas for PT standardization. One normal plasma and 3 native warfarin plasmas (PIVKA) of different levels for INR calibration.	5010004	4 x 1 ml
Coagulation Reference	Lyophilized calibration plasma for screening tests, single factors and inhibitors	5220110	5 x 1 ml
		5220120	50 x 1 ml

CONTROL PLASMA

Product	Description	REF	Package
TECHNOCLOT® Control N	Lyophilized normal control plasma for screening tests (PT/aPTT/Fibrinogen/TT/AT)	5020070	10 x 1 ml
		5020075	50 x 1 ml
TECHNOCLOT® Control A	Lyophilized abnormal control plasma for screening tests (PT/aPTT/Fibrinogen/TT/AT)	5021070	10 x 1 ml
		5021075	50 x 1 ml
Coagulation Control AK	Control Plasma (~ 2.5 INR)	5011050	5 x 1 ml
		5011060	50 x 1 ml
AK- Verification Kit	Contains three plasmas with different INR values	5010024	3 x 1 ml

Demonstration video for **TECHNOCLOT® PT Owren** available on TECHNOZOOM Youtube Channel (QR-Code)

