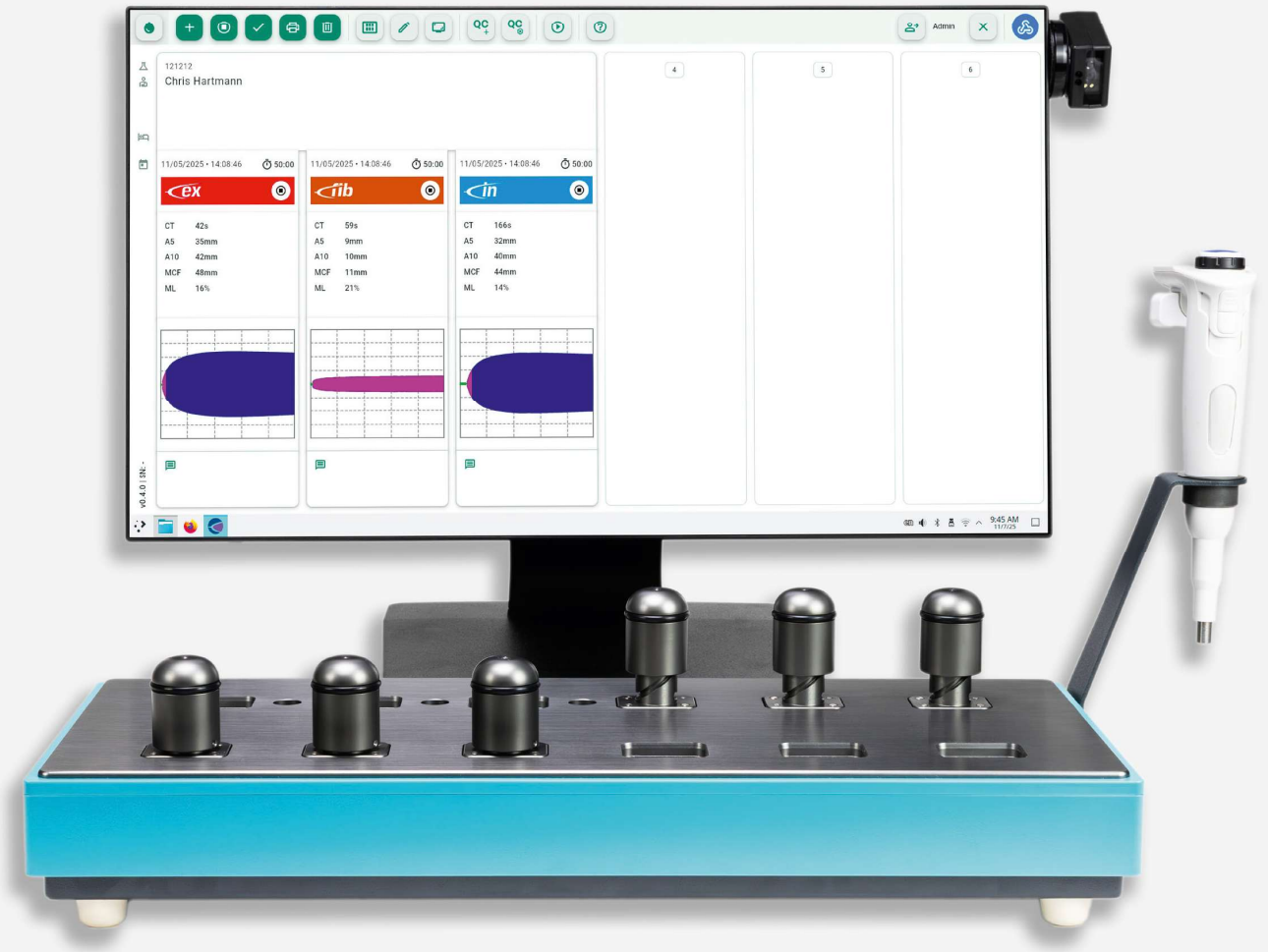

MultiClot®

The next generation of whole-blood coagulation diagnostics

Fast, flexible and insightful viscoelastometry with six independent channels, engineered for clinical and research environments that demand streamlined workflows, data quality and cost efficiency.

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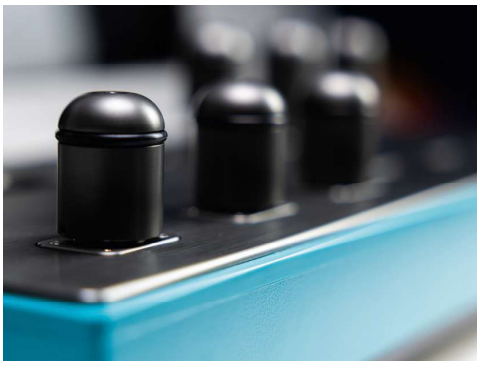
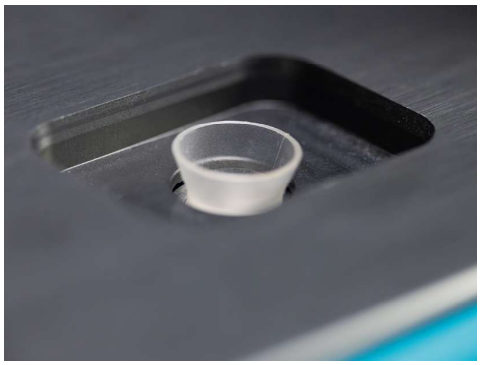
About MultiClot®

MultiClot represents the next generation of viscoelastic coagulation analysis. Featuring six independent measuring channels, digital workflow, and robust mechanical precision, MultiClot enables rapid, reproducible assessments of coagulation activation, clot formation and clot stability or fibrinolysis.

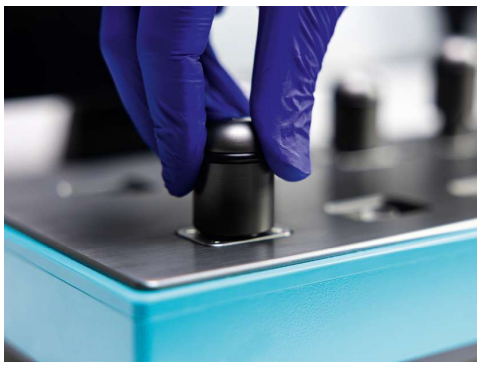




Key features

- Six channels for simultaneous testing of different samples or different tests
- Rapid output of early coagulation indicators in real-time
- Advanced mechanics and electronics for high sensitivity and precision
- Modern touchscreen interface with integrated workflow tools
- Standardised test performance across the assay portfolio
- Open system design suitable for clinical and research applications

Engineered for laboratories that demand speed, flexibility, and high data quality.





Reagent Tip Technology – standardisation made simple

Using Apiro's Reagent Tip Technology the reagents are integrated into the pipette tip and are automatically mixed with whole blood when the sample is pipetted.

Your advantages

- No manual reagent handling
- Ready-to-use dry chemistry
- Easy to use and standardised
- Identical procedure for all assays

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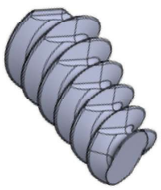
Assays

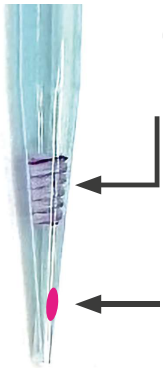
MultiClot provides a comprehensive range of assays.

NAME	DESCRIPTION	PRODUCT
EX	Rapid overview of coagulation activation. Tissue factor + polybrene: assessment of coagulation activation, clot formation and fibrinolysis	
FIB	Functional assessment of the fibrinogen level Tissue factor + platelet inhibition (cytochalasin D + eptifibatide)	
IN	Intrinsic activation with ellagic acid for the detection of heparin	
HI	Intrinsic pathway with heparin neutralisation. ellagic acid + heparin inactivation by heparinase: used in combination with the IN assay	

NAME	DESCRIPTION	PRODUCT
AP	EX + fibrinolysis inhibition (TXA) Assessment of clot formation under conditions of fibrinolysis inhibition	
TPA	EX + fibrinolysis activation by TPA: detection of tranexamic acid (TXA)	
RVV	High sensitivity assay for the detection of FXa antagonists. Russel viper venom (FX activator)	
ECA	High sensitivity assay for the detection of dabigatran. Ecarin (prothrombin activator)	

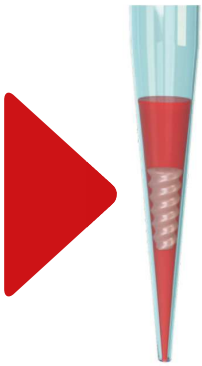
Reagent Tip contains a moldedreagent carrier





On the carrier a dry reagent is provided

If necessary, the tip contains an additional dry reagent



When blood is aspirated, the carrier modulates the blood flow.

The reagent is directly reconstituted into the blood

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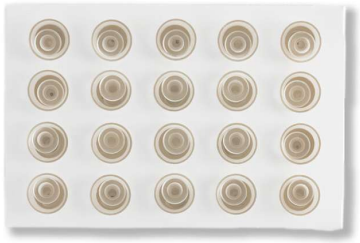
Consumables

MultiClot provides a comprehensive range of consumables and quality controls.

Cups & Pins

Precision-engineered disposable components for reliable viscoelastic measurements.

Tray (20 pcs)
Containing 20x Cup&Pin test cells.



Single Cup&Pin
Durable design with surface treatment for excellent hemocompatibility and consistent torque transfer.

Box Packaging (6 x 20 pcs)
Secure storage for transport and long-term stability. Easy-to-use multi-drawer system for throughput workflows.

QC

QC 1
6 vials à 1.05 mL plasma control using blood plasma from healthy individuals

QC 2
6 vials à 1.05 mL plasma control using blood plasma from healthy individuals with the addition of an anticoagulant

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Clinical applications

MultiClot allows for the rapid assessment of blood coagulation using viscoelastometry.

The benefits of viscoelastic coagulation monitoring have been described in many fields of surgery and intensive care and are supported by international guidelines.

The MultiClot assays help detect

- Factor deficiencies
- Low fibrinogen
- Impaired clot formation or clot stability
- Anticoagulant effects like heparin and DOACs

Research applications

MultiClot enables comprehensive whole-blood coagulation research, including:

- Open system suitable for animal models
- Allows monitoring of anticoagulant and procoagulant drug development

Data, workflow & software

MultiClot's integrated software provides real-time visualisation of up to six curves and parameters, automatic data storage, and structured result documentation.

Your benfits

- Real-time visualisation of all six channels
- Automatic data storage and documentation
- Export functions for statistical evaluation (XML, PDF, PNG, CSV)
- Documentation of user interactions (audit trail)
- Remote viewing of results
- LIS connectivity
- User management

Product References

CATALOG NUMBER	PRODUCT INFORMATION	PACK SIZE
Instrument and accessories		
3011EU	MultiClot analyzer (including user interface software, mini-PC, barcode scanner, e-pipette, pipette holder, mouse, keyboard, touchscreen 21“)	1 unit
Disposables		
4011EU	Cups & Pins	6 × 20 pcs in box
1081EU	EX	10 × 1 tip in bag
1061EU	FIB	10 × 1 tip in bag
1051EU	AP	10 × 1 tip in bag
1031EU	IN	10 × 1 tip in bag
1041EU	HI	10 × 1 tip in bag
1021EU	TPA	10 × 1 tip in bag
1071EU	RVV	10 × 1 tip in bag
1011EU	ECA	10 × 1 tip in bag
2011EU	QC1	6 vials in bag
2021EU	QC2	6 vials in bag

Specifications

- Test Channels: 6
- Tests: EX, IN, FIB, AP, HI, TPA, RVV, ECA
- Sample volume: 340 µl citrated blood (3,2%) per test

Time to result:

CT within seconds or few minutes, clot firmness parameters (A5, A10) within 6–15 minutes, longer in abnormal samples; standard run time 50 min including lysis parameter results

About Apiro Diagnostics

APIRO Diagnostics, headquartered in Budaörs, Hungary, develops innovative solutions for modern viscoelastometry. Our mission is to create flexible, precise tools that advance coagulation research and empower laboratories worldwide.

Certified under EN ISO 13485:2016, APIRO is committed to consistent quality, reliability, and long-term partnership with users, suppliers, and distribution partners.

3EC INTERNATIONAL

IAF

SNAS Reg. No. 305/Q-054

CERTIFICATE

This certifies that the Quality management system for medical devices of company

Apiro Diagnostics Kft.
Liget út 3/2, HU-2040 Budaörs, Hungary

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has been assessed by 3EC International and found to be in conformance with the following standard:

EN ISO 13485:2016

for the following scope:

DESIGN AND DEVELOPMENT, PRODUCTION, QUALITY CONTROL, STORAGE AND DISTRIBUTION OF IN-VITRO DIAGNOSTIC MEDICAL DEVICES AND CONSUMABLES FOR WHOLE-BLOOD COAGULATION

Certificate No.: M-0602/25 Date of issuance: October 7th, 2025 Original date of approval: October 7th, 2025

This certificate is valid from October 7th, 2025 to October 6th, 2028 on condition that organization will maintain effective Quality management system for medical devices. To verify the validity of this certificate please contact our office at: +421 (0)2 5831 8343.

Issuing office: 3EC International a. s., Hraničná 18, 821 05 Bratislava, Slovak Republic

Dr. Katarína Tomín Srdošová
Head of Certification Body 3EC International a. s.

Certification body 3EC International a. s. is accredited by SNAS under registration number 305/Q-054 with accreditation certificate No. Q-054 for certification of Quality management systems for medical devices covered by EA MLA and IAF MLA.

ΑΠΟΚΛΕΙΣΤΙΚΟΣ ΑΝΤΙΠΡΟΣΩΠΟΣ ΓΙΑ ΤΗΝ ΕΛΛΑΔΑ:

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