



HAEMOSTASIS

Catalogue

Educational tools

Digital

Webinars

An innovative interactive learning tool reinforcing Stago's commitment to medical education and training in the field of Thrombosis and Haemostasis.

- 4 times a year since 2014
- With the contribution of world-renowned experts

Sign up to be informed of each "live" webinar and to access to the previous sessions "on-demand".

www.stagowebsinars.com

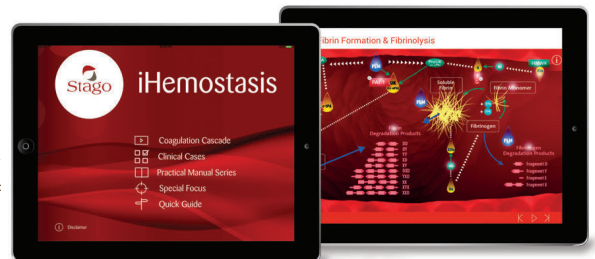


iHemostasis (for tablet only)

A global educational tool dedicated to the pathophysiology of blood coagulation illustrated by clinical cases, designed for clinical pathologists, physicians, medicine and pharmacy students, clinical laboratory staff, patient care personnel or anyone wishing to learn more in the field of Haemostasis and Thrombosis.

5 interactive sections to learn:

- **Coagulation Cascade:** all mechanisms of coagulation in an animated interactive design, from an overview of extrinsic and intrinsic pathways, to primary Haemostasis and fibrin formation & fibrinolysis.
- **Clinical cases:** interactive game based on clinical cases with questions & answers as well as discussion of the proposed answers, before the evaluation of your performance.
- **Practical Manual Series:** practical/scientific books are available on this digital tool as well as in a published format.
- **Special Focus:** short slideshows on different topics such as HIT, DOAC, DIC and fibrin related markers, and antiplatelet therapy.
- **Quick Guide:** the essentials of Haemostasis and Thrombosis including paediatric and pregnancy reference ranges in a concise format.



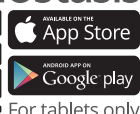
Haemoscore (for smartphone & tablet)

An application developed with an international expert panel.

- Compiles, in a clear and simple way, the most recognized and useful **clinical scores and diagnosis algorithms** in the field of Thrombosis and Haemostasis.
- **32 scores and algorithms related to:** DVT & PE, pregnancy, atrial fibrillation, bleeding, anticoagulant therapy and other thrombotic conditions.
- The use of score calculators and algorithms can **facilitate decision making** in both diagnosis and treatment of thrombotic and bleeding events and improve diagnosis accuracy as well as efficacy and safety in patient management.
- Each score or algorithm includes the indication for use and a brief interpretation emphasizing the most relevant aspects followed by some representative references.
- You can select **your favorite scores** and easily see the last scores or algorithms used.



iHemostasis



For tablets only

Haemoscore



Tablet & smartphone

Webinars



Available on Stagowebsinars.com

Haemostasis



General information on Stago.com

Digital links

- Available 24/7: You can download reagent package inserts and instrumentation user documents with Intended use, Test principle, Clinical application and Performance.
- Available in more than 20 languages
- Document traceability with historical versions of each package insert at hand when you need it.
- Assistance in meeting accreditation requirements

Instruction For Use



Available on Stago.com

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Systems

This catalogue contains information on product which is targeted to a wide range of audiences and could contain product details or information concerning goods which are not accessible or valid in your country.



NEW

STA R Max systems

Third version of the high-end instrument from the “**Max Generation**”, the STA R Max 3 is part of the Stago’s approach to design innovating systems that meet the needs of biologists and clinicians.

Combining Viscosity-Based Detection System and **new EPC module**, laboratories will benefit from the most robust detection system for clotting assays and from an automated pre-analytical check ensuring high quality of results.

Time saving and quality improvement while maintaining high performance is part of the objectives sought for the STA R Max 3. **Increased throughput, higher loading capacity, real time and proactive alerts including a Visual Alarm Device to alert the user of the analyser status, reduced user maintenance** will provide efficiency and productivity to operators.

Its new software features will bring security, traceability and expertise to every lab: user rights management to deal with staff authorisations, audit trail to meet regulatory requirements for cybersecurity feature, rules engine to standardise patient results validation and tools to support accreditation process.

Innovative and scalable, STA R Max 3 will fit all lab organisations, connected to an automation track system or not, streamlining sample management and workflow.

Supplied with

- 1 accessory pack
- 1 21.5” LCD touch screen
- 1 computer table
- STA Coag Expert (optional)
- Visual Alarm Device (on STA R Max 3 only - optional on STA R Max)

To order*

QWERTY Keyboard 120 V 60 Hz

- 58413 STA R Max
58412 STA R Max cap piercing
58411 STA R Max & STA Coag Expert
58410 STA R Max cap piercing & STA Coag Expert

QWERTY Keyboard 230 V 50 Hz

- 58407 STA R Max
58406 STA R Max cap piercing
58405 STA R Max & STA Coag Expert

- 58404 STA R Max cap piercing & STA Coag Expert
59304 STA R Max 3
59305 STA R Max 3 cap piercing
59306 STA R Max 3 & STA Coag Expert
59307 STA R Max 3 cap piercing & STA Coag Expert

QWERTY Keyboard 230 V 60 Hz

- 58417 STA R Max
58416 STA R Max cap piercing
58415 STA R Max & STA Coag Expert
58414 STA R Max cap piercing & STA Coag Expert

*Availability depending upon the country

Characteristics

- **Viscosity-Based (Mechanical) Detection System** consistently delivers accurate results immediately, exclusive technology standardised on all Stago systems, insensitive to analytical interferences from haemolysis, icteric and lipemic samples for clotting assays, maximum precision for weak clot detection
- **Sample integrity verification** to ensure quality of results thanks to the **Expert Preanalytical Check module (EPC module)** providing fill volume check feature for any type of tube, detection of haemolysis, icterus and lipemia which may affect chromogenic and immuno-turbidimetric tests and clotting assays with haemolysis potential biological impact: no extra volume, no impact on throughput, large measurement range without any dilution
- New hardware design enhances **ergonomics of use**
- **Intuitive user interface** ensures a seamless integration for the laboratory staff, standardised on all Stago systems
- **Autoverification capabilities & Coag Algorithm available on demand** on the optional STA Coag Expert to automate laboratory processes
- **User rights management** with log history to restrict access to authorised personnel only, unique user login password, password security policy, deactivation of account after several and consecutive unsuccessful logins or period of inactivity & secured operating system with the agility to patch device in case of security vulnerabilities
- **Extended traceability** to meet regulatory requirements for Cybersecurity
- **Routine and specialised tests** with random access capability
- **Adaptable to all laboratory organisation**
- **Wide range of ready-to-use liquid reagents**
- **Highest onboard loading capacity:** 215 samples, 70/75 reagents, 1 000 cuvettes
- **High throughput**, even with a mixed panel of tests
- **True STAT management** without any impact on instrument throughput
- **Real time and proactive alerts** on QC, TAT and maintenance status including a Visual Alarm Device to alert the user of the analyser status
- **Optimised and reduced user maintenance**

Parameters

- | | |
|--|--|
| <ul style="list-style-type: none"> • PT (Quick and Owren PT*) • APTT • Fibrinogen • Thrombin Time • Reptilase Time • Extrinsic pathway factors • Intrinsic pathway factors • Factor XIII • Anti-Xa (UFH, LMWH, Rivaroxaban...) • Anti-IIa • D-Dimers, Fibrin Monomers and Fibrin Degradation Products | <ul style="list-style-type: none"> • Antithrombin • Protein C • Activated Protein C Resistance • Protein S • Lupus Anticoagulants • VWF Ag & RCo • Microparticles • Plasminogen, Antiplasmin and TAFI • Calibrators • Quality Controls |
|--|--|



Olivier Q. - Middleware Team Manager

“The health ecosystem is rapidly evolving and the management of the data generated by the IVD device and software is more and more crucial. To proactively support our customers, Stago has integrated new skills and positions such as the middleware specialists team created in 2012.”

*Availability depending upon the country

STA R MAX LINE / STA R / STA R EVOLUTION EXPERT SERIES

Solutions & Disposables

Cat. NR.	Product name	Product description	Pack.
Solutions			
00975	STA-Desorb U	24 vials of STA-Desorb U	24 x 15 mL
00973	STA-Cleaner Solution	6 vials of STA-Cleaner Solution	6 x 2.5 L
Disposables			
38669	STA-Cuvettes	6 rolls of 1000 STA-Cuvettes	6 x 1000
00802	STA-Microcups Microtubes in siliconed glass for reagents control and calibrator plasmas	1 box of 100 STA-Microcups	1 x 100
00741	STA-Microcontainer Plastic cups for samples	1 box of 500 STA-Microcontainer	1 x 500
00797	STA-Mini Reducer Plastic chimneys for reagents (from 4 to 6 mL vials) - Improved stability	1 box of 100 STA-Mini Reducer	1 x 100
00801	STA-Maxi Reducer Plastic chimneys for reagents (from 8 to 15 mL vials) - Improved stability	1 box of 100 STA-Maxi Reducer	1 x 100
00760	STA-Micro Reducer Plastic chimneys for reagents (from 1 to 2 mL vials) - Improved stability	1 box of 100 STA-Micro Reducer	1 x 100
27425	White stirring magnet (for STA-Néoplastine and STA-NeoPTimal)	1 item	1
26674	Red stirring magnet (for STA-C.K. Prest)	1 item	1
89174	White stirring magnet (for STA-Néoplastine and STA-NeoPTimal)	10 items	1 x 10
89238	Red stirring magnet (for STA-C.K. Prest)	10 items	1 x 10

STA R MAX LINE / STA R / STA R EVOLUTION EXPERT SERIES

Disposables spare parts

Cat. NR.	Product name	Product description	Pack.
89156	Needle 1 Quick change for cap piercing on STA R Max 2 & 3	1 item	1
39164	Needle 1 for cap piercing	1 item	1
39249	Needle 1	1 item	1
39250	Needle 2	1 item	1
27307	Needle 3	1 item	1
27530	Teflon tips for syringe and o-ring	1 item	2 x 6
26699	Halogen lamp	1 item	1
27458	Liquid filter	1 item	1
39738	Liquid filter	10 items	1 x 10
27538	Hamilton syringe and o-ring	1 item	1
87063	Suction head (V5)	2 items	1 x 2
38517	Air filter (549 x 157 mm)	1 item	1
39880	5 x 20 T 1A fuses	10 fuses	1 x 10
26682	5 x 20 T 2A fuses	10 fuses	1 x 10
26684	5 x 20 T 5A fuses	10 fuses	1 x 10

STA R MAX LINE / STA R / STA R EVOLUTION EXPERT SERIES

Disposables spare parts

Cat. NR.	Product name	Product description	Pack.
26681	5 x 20 T 6.3A fuses	10 fuses	1 x 10
39863	5 x 20 T 10A fuses	10 fuses	1 x 10
27576	6.3 x 32 T 2A fuses	10 fuses	1 x 10
27578	6.3 x 32 T 5A fuses	10 fuses	1 x 10
27575	6.3 x 32 T 6.25A fuses	10 fuses	1 x 10
27224	6.3 x 32 T 10A fuses	10 fuses	1 x 10
26694	6.3 x 32 T 15A fuses	10 fuses	1 x 10
38125	Colorimetric box filter V3	1 item	1
39134	Wheel for tube rotation	2 items	1 x 2
80343	Soft stylet kit	10 items	1 x 10

STA R MAX LINE / STA R / STA R EVOLUTION EXPERT SERIES

Auxiliary materials

Cat. NR.	Product name	Product description	Pack.
26555	Ball extractor	1 item	1
27543	Microcups reducer	2 items	1 x 2
27423	Aluminium microcontainer reducer (microvolume)	2 items	1 x 2
39002	Aluminium microcontainer reducer (microvolume)	10 items	1 x 10
39010	Sample tray	2 items	1 x 2
38777	Sample rack holder (for 5 racks)	1 item	1
39772	Sample rack holder (for 5 racks)	10 items	1 x 10
39147	Sample rack	10 items	1 x 10
89138	Paediatric rack+label V2	2 items	1 x 2
89257	Microcontainer standard rack	2 items	1 x 2
NEW 89258	Screw microcontainer rack (x2)	2 screw microcontainer racks	1 x 2
89318	Screw microtube kit (x10)	2 screw microtube racks • 10 microtube adaptors • 1 mapping tool	1 x 2 1 x 10
NEW 89377	Visual Alarm Device	1 item	



NEW

STA Compact Max systems

The “**Max Generation**” instrument family is expanding again with our new STA Compact Max 3.

The third generation of the STA Compact Max, **includes the EPC Module** in order to be totally standardised with the STA R Max 3 and to optimise sample management with optional controls of patient results before sending them to the LIS.

Dedicated for mid-volume throughput laboratories, the STA Compact Max 3 has been designed with a **new hardware and improved ergonomics** to optimise your productivity. Including a new fourth generation cap piercing module enlarging sample tube compatibility and utilising the new maintenance free Single Resolution Pipettor (SRP) module to further improve its **robustness, real time and proactive alerts, reduced user maintenance** will provide efficiency and productivity to operators. As well as a Visual Alarm Device to alert the user of the analyser status (optional).

New software features provide more flexibility including the management of multiple lots and calibration curves on-board. With regards to the Cybersecurity, the software features bring security, traceability and expertise to every lab: user rights management to deal with staff authorisations, audit trail feature, rules engine to standardise patient results validation and tools to support accreditation process.

Supplied with

- 1 accessory pack
- 1 21.5” LCD touch screen
- 1 computer table
- STA Coag Expert (optional)
- Visual Alarm Device (optional)

To order*

QWERTY Keyboard

- 58712** STA Compact Max
- 58713** STA Compact Max cap piercing
- 58732** STA Compact Max with STA Coag Expert
- 58733** STA Compact Max cap piercing with STA Coag Expert

QWERTY Keyboard

- 59202** STA Compact Max 3
- 59203** STA Compact Max 3 cap piercing
- 59206** STA Compact Max 3 with STA Coag Expert
- 59207** STA Compact Max 3 cap piercing with STA Coag Expert

*Availability depending upon the country

Characteristics

- **Viscosity-Based (Mechanical) Detection System** consistently delivers accurate results immediately, exclusive technology standardised on all Stago systems, insensitive to analytical interferences from haemolysis, icteric and lipemic samples for clotting assays, maximum precision for weak clot detection
- **Sample integrity verification** to ensure quality of results thanks to the **Expert Preanalytical Check module (EPC module)** providing fill volume check feature for any type of tube, detection of haemolysis, icterus and lipemia which may affect chromogenic and immuno-turbidimetric tests and clotting assays with haemolysis potential biological impact: no extra volume, no impact on throughput, large measurement range without any dilution
- **Extended loading capacity:** 96 samples, 45 reagents, 1000 cuvettes on-board
- **True STAT management** without any impact on the instrument throughput
- **Positive sample** and reagent identifications
- **Autoverification capabilities & Coag Algorithm available on demand** on the optional STA Coag Expert to automate laboratory processes
- **Automatic management of dilutions**, reruns, reflex testing and add-ons
- **Ready to operate 24/7 availability** and no time required to restart
- **Improved** ergonomic design
- **Optimised and reduced** user maintenance operations
- **Intuitive and standardised** user interface within the Max Generation
- **Extended traceability** to meet regulatory requirements for Cybersecurity
- **Operator safety and security** with a new cap piercing to meet regulatory requirements for Cybersecurity 4th generation (optional)
- **Comprehensive menu of tests** and precalibration feature for all routine assays
- **User rights management** with log history to restrict access to authorised personnel only, unique user login password, password security policy, desactivation of account after several and consecutive unsuccessful logins or period of inactivity & secured operating system with the ability to patch device in case of security vulnerabilities
- **Tracking tool** to export patients data, calibrations, QC, EPC values, maintenance operation, cuvettes rolls
- **Automatic back-up**

Parameters

- | | |
|---|-------------------------------------|
| • PT (Quick and Owren PT*) | • Antithrombin |
| • APTT | • Protein C |
| • Fibrinogen | • Activated Protein C Resistance |
| • Thrombin Time | • Protein S |
| • Reptilase Time | • Lupus Anticoagulants |
| • Extrinsic pathway factors | • VWF Ag |
| • Intrinsic pathway factors | • Microparticles |
| • Factor XIII | • Plasminogen, Antiplasmin and TAFI |
| • Anti-Xa (UFH, LMWH, Rivaroxaban...) | • Calibrators |
| • Anti-IIa | • Quality controls |
| • D-Dimers, Fibrin Monomers and Fibrin Degradation Products | |

*Availability depending upon the country

STA COMPACT MAX LINE / STA COMPACT

Solutions & Disposables

Cat. NR.	Product name	Product description	Pack.
Solutions			
00975	STA-Desorb U	24 vials of STA-Desorb U	24 x 15 mL
00973	STA-Cleaner Solution	6 vials of STA-Cleaner Solution	6 x 2.5 L
Disposables			
38669	STA-Cuvettes	6 rolls of 1000 STA-Cuvettes	6 x 1000
00802	STA-Microcups Microtubes in siliconed glass for reagents control and calibrator plasmas	1 box of 100 STA-Microcups	1 x 100
00741	STA-Microcontainer Plastic cups for samples	1 box of 500 STA-Microcontainer	1 x 500
00797	STA-Mini Reducer Plastic chimneys for reagents (from 4 to 6 mL vials) - Improved stability	1 box of 100 STA-Mini Reducer	1 x 100
00760	STA-Micro Reducer Plastic chimneys for reagents (from 1 to 2 mL vials) - Improved stability	1 box of 100 STA-Micro Reducer	1 x 100
00801	STA-Maxi Reducer Plastic chimneys for reagents (from 8 to 15 mL vials) - Improved stability	1 box of 100 STA-Maxi Reducer	1 x 100
27425	White stirring magnet (for STA-Néoplastine and STA-NeoPTimal)	1 item	1
26674	Red stirring magnet (for STA-C.K. Prest)	1 item	1
89174	White stirring magnet (for STA-Néoplastine and STA-NeoPTimal)	10 items	1 x 10
89238	Red stirring magnet (for STA-C.K. Prest)	10 items	1 x 10

STA COMPACT MAX LINE / STA COMPACT

Disposables spare parts

Cat. NR.	Product name	Product description	Pack.
89156	Needle 1 for cap piercing V4	1 item	1
39022	Needle 1 for cap piercing V3	1 item	1
38646	Needle 1 standard V2	1 item	1
27354	Needle 2	1 item	1
27307	Needle 3	1 item	1
27530	Teflon tips for syringe and o-ring	1 item	2 x 6
27458	Liquid filter	1 item	1
39738	Liquid filter	10 items	1 x 10
26699	Halogen lamp	1 item	1
27538	Hamilton syringe and o-ring	1 item	1
27421	Suction head	2 items	1 x 2
27420	Air filter	2 items	1 x 2
80675	Rising plate assay air filter	1 item	1
26538	Colorimetric box filter	1 item	1
38125	Colorimetric box filter V3	1 item	1
87018	Tubing EV piercing V2	6 items	1 x 6
80343	Soft stylet kit	10 items	1 x 10
27034	6.3 x 32 T 0.3A fuses	10 fuses	1 x 10
27579	6.3 x 32 T 1A fuses	10 fuses	1 x 10
27037	6.3 x 32 T 4A fuses	10 fuses	1 x 10
27575	6.3 x 32 T 6.25A fuses	10 fuses	1 x 10
27225	6.3 x 32 T 8A fuses	10 fuses	1 x 10
27224	6.3 x 32 T 10A fuses	10 fuses	1 x 10
39783	5 x 20 T 315mA fuses	10 items	1 x 10
39880	5 x 20 T 1A fuses	10 fuses	1 x 10
39784	5 x 20 T 4A fuses	10 items	1 x 10
39785	5 x 20 T 8A fuses	10 items	1 x 10
39863	5 x 20 T 10A fuses	10 fuses	1 x 10
26681	5 x 20 T 6.3A fuses	10 fuses	1 x 10

STA COMPACT MAX LINE / STA COMPACT

Auxiliary materials

Cat. NR.	Product name	Product description	Pack.
26555	Ball extractor	1 item	1
27543	Microcups reducer	2 items	1 x 2
88618	QWERTY keyboard for STA Compact Max	1 item	1
NEW 89377	Visual Alarm Device	1 item	



NEW

STA Satellite Max

Newest arrival of the “**Max Generation**” family, the STA Satellite Max is dedicated for low-volume throughput laboratories. Its new design enhancing ergonomics and ease to use, has been developed with a **reliable hardware** for continuous result reporting and minimal user maintenance thanks to maintenance free needle and fluidic system.

The STA Satellite Max **new graphical user interface** equipped with Windows 10 has **built in accreditation process**, including new features such as extended traceability (archiving of entire patient results up to 6 months and easy pen drive data export), extended QC management including Westgard rules and multiple calibration curves per assays.

Building on the heritage of the STA line, the Satellite Max offers the efficiency of Stago's unique **Viscosity based detection system** together with high quality reagents for routine and specialised assays offering maximum sensitivity and reproducibility to each laboratory.

Supplied with

- 1 accessory pack
- Screen Touch LCD colour screen 17” + External PC

To order*

58030 STA Satellite Max

*Availability depending upon the country

Characteristics

- **Viscosity-Based (mechanical) Detection System:** Immediate delivery of accurate and precise results for any type of coloured plasma, maximum precision for weak clot detection and standardisation between Stago systems
- **True continuous loading with carousel:** 20 samples, 16 cooled reagents, 220 cuvettes on-board
- **True STAT management** to ensure faster turnaround time
- **Positive sample** and reagent identifications
- **Automatic management of dilutions,** reruns, reflex testing and add-ons
- **Improved ergonomic design** operated with Window 10 software including a virtual keyboard
- **Optimised and reduced** user maintenance operations
- **Intuitive and standardised** user interface within the Max Generation
- **Extended traceability** meeting quality requirements
- **Comprehensive menu of tests** and precalibration feature for all routine assays
- **Maintenance free fluidic** (Double Resolution Dilutor)

Parameters**

- | | |
|----------------------------|--------------------|
| • PT (Quick and Owren PT*) | • D-Dimers |
| • APTT | • Antithrombin |
| • Fibrinogen | • Calibrators |
| • Thrombin Time | • Quality controls |
| • Anti-Xa (UFH, LMWH) | |

*Availability depending upon the country

**For additional parameters, please consult Stago or one of its official distributors

STA SATELLITE MAX / STA SATELLITE USB

Solutions & Disposables

Cat. NR.	Product name	Product description	Pack.
Solutions			
00975	STA-Desorb U	24 vials of STA-Desorb U	24 x 15 mL
00973	STA-Cleaner Solution	6 vials of STA-Cleaner Solution	6 x 2.5 L
Disposables			
39430	STA-Satellite Cuvettes	6 rolls of 220 cuvettes	6 x 220
27425	White stirring magnet (for STA-Néoplastine and STA-NeoPTimal)	1 item	1
89174	White stirring magnet (for STA-Néoplastine and STA-NeoPTimal)	10 items	1 x 10
00741	STA-Microcontainer Plastic cups for samples	1 box of 500 STA-Microcontainer	1 x 500
00802	STA-Microcups Microtubes in siliconed glass for reagents control and calibrator plasmas	1 box of 100 STA-Microcups	1 x 100
00797	STA-Mini Reducer Plastic chimneys for reagents (from 4 to 6 mL vials) - Improved stability	1 box of 100 STA-Mini Reducer	1 x 100
00801	STA-Maxi Reducer Plastic chimneys for reagents (from 8 to 15 mL vials) - Improved stability	1 box of 100 STA-Maxi Reducer	1 x 100
26649	Thermal paper	1 roll (25 m)	1
80467	Disposable cuvette bin		1 x 5
Disposables spare parts			
39356	Equipped needle	1 item	1
26681	5 x 20 T 6.3A fuses	10 fuses	1 x 10
80132	Air filter	3 items	1
27458	Liquid filter	1 item	1
39738	Liquid filter	10 items	1 x 10

Auxiliary materials

Cat. NR.	Product name	Product description	Pack.
26555	Ball extractor	1 item	1
88828	Reducer ring (DIN 14)	2 items	1 x 2
39968	Microcups reducer	2 items	1 x 2
80057	Reducer for microvolume sample	2 items	1 x 2
39002	Reducer for microvolume sample	10 items	1 x 10
80091	Reagents carousel n°1 V2	1 item	1
80094	Sample carousel n°1	1 item	1
80092	Reagents carousel n°2 V2	1 item	1
80095	Sample carousel n°2	1 item	1



SStart Max

The “**Max Generation**” instrument family is now enriched with the SStart Max.

Semi-automated coagulation analyser, the SStart Max now offers a real user interface standardised with the other Max Generation instruments.

New features include: login to access the instrument, on-board **Quality Control** menu with Levey-Jennings graphs, complete calibration menu, **data exportation through USB or LIS connection with complete traceability**.

Design and ergonomics have also been improved on the system which manages 4 measuring channels for clotting tests.

Supplied with

- 1 accessory pack

To order*

59017 SStart Max (115/230 V)

*Availability depending upon the country

Characteristics

- **Viscosity-Based (mechanical) Detection System:** Immediate delivery of accurate and precise results for any type of coloured plasma, maximum precision for weak clot detection and standardisation between Stago systems
- **Comprehensive menu of clotting tests**
- **Intuitive and standardised user interface** within the Max Generation through a 7" color touch-screen
- **Management of Quality Control** with Levey-Jennings graphs
- **Extensive calibration menu** with calibration curves storage and display
- **Improved ergonomic design**
- **External hand-held bar code reader** (optional)
- **USB port for data exportation**
- **Extended traceability** meeting quality requirements: Patient, QC and calibration archive, lot numbers management, log files
- **External USB printer** (not provided)
- **Monodirectional LIS and STA-Coag Expert connection**

Parameters

- | | |
|-----------------------------|-------------------------|
| • PT (Quick and Owren PT*) | • Anti-Xa (coming soon) |
| • APTT | • Protein C |
| • Fibrinogen | • Protein S |
| • Thrombin Time | • Lupus Anticoagulants |
| • Reptilase Time | • Calibrators |
| • Extrinsic pathway factors | • Quality controls |
| • Intrinsic pathway factors | |



Elise M. - Project Manager

"Everything has been done to add the modern touches needed, while conserving the simplicity and robustness for which STart has been known for decades."

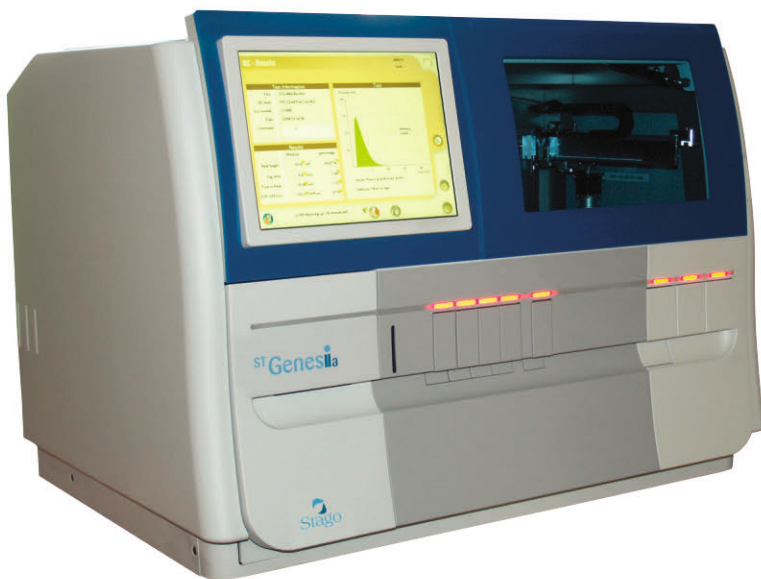
*Availability depending upon the country

Disposables

Cat. NR.	Product name	Product description	Pack.
STart Max Disposables			
38876	STart cuvettes	150 strips of 4 cuvettes	1
26441	Ball vial	1 vial of 1850 balls	1
86553	Combitips 2.5 mL (position 1 = 50 µL)	1 box of 100	1 x 100
STart 4 Disposables			
38876	STart cuvettes	150 strips of 4 cuvettes	1
26441	Ball vial	1 vial of 1850 balls	1
26649	Thermal paper	1 roll (25 m)	1
38051	Finntips 2.5 mL (position 1 = 50 µL)	1 box of 100 Finntips	1 x 100
38052	Finntips 1.25 mL (position 1 = 25 µL)	1 box of 100 Finntips	1 x 100
STart Max & STart 4 Disposables spare parts			
27581	6.3 x 32 T 3A fuses	10 fuses	1 x 10
39478	5 x 20 T 3.15A fuses	10 fuses	1 x 10

Auxiliary materials

Cat. NR.	Product name	Product description	Pack.
Start Max			
86550	Connected pipette	1 item	1
86561	Test setup notebook	1 item	1
86562	Test setup holder	1 item	1
86551	Pipette thermal conductor black & grey	2 items (1 black and 1 grey)	1 x 2
26555	Ball extractor	1 item	1
86560	Ball dispenser	1 item	1
26605	Reducer ring DIN 14 (18.5 mm)	2 items	1 x 2
26610	Reducer ring DIN 18 (22.8 mm)	2 items	1 x 2
26729	Reducer ring for 5 mL tube	1 item	1
26405	Red magnetic stirrer	1 item	1
89241	10 Magnetic stirrers	10 items	1 x 10
86313	USB bar code handheld reader	1 item	1
86563	Mini USB Adaptor	1 item	1
Start 4			
80109	Connected pipette	1 item	1
26555	Ball extractor	1 item	1
39476	Ball dispenser	1 item	1
26729	Reducer ring for 5 mL tube	1 item	1
26405	Red magnetic stirrer	1 item	1
26605	Reducer ring DIN 14 (18.5 mm)	2 items	1 x 2
26610	Reducer ring DIN 18 (22.8 mm)	2 items	1 x 2
38049	Protective bag	1 item	1
86551	Pipette thermal conductor black & grey	2 items (1 black and 1 grey)	1 x 2



ST Genesis system

Breakthrough innovation in Thrombin Generation (TG).

ST Genesis is a complete solution to measure thrombin generation in patients' plasma, **100% automated, 100% standardised and 100% innovative.**

The Thrombin Generation Assay is a **global test** able to provide an evaluation of the **coagulation potential of a plasma sample**. It measures the formation of thrombin during the whole coagulation process, including phases of initiation, propagation and inhibition.

ST Genesis offers a fully automated system to measure thrombin generation in PPP, with unique features like the **once daily calibration**, the **reference plasma** and the **temperature control** which allow **standardised results** across laboratories.

User friendly and easy to use, ST Genesis is the first **walk-away solution** to measure thrombin generation which may fit to any laboratory environment.

Its embedded software, with a nice and modern graphical user interface, provides all the routine features expected by laboratories in terms of calibration, quality controls and data management.

Supplied with

- 1 accessory pack

To order*

86814 ST Genesis

86938 ST Genesis - Research Use Only



Audrey C. - Scientific Marketing Manager

"At last a new system that will make thrombin generation a diagnostic tool! Its ease of use, and all the standardisation features will help to generalise the technique. After these years of development, I'm eager to see how it will change the daily practice of laboratories."

*Availability depending upon the country

Characteristics

- **Specific features:** 6 TG parameters in absolute and normalised units + ETP inhibition thanks to the addition of thrombomodulin and all parameters calculated automatically
- **Assayed reference plasma** for results normalisation
- **3 QC levels**
- **Trigger reagents and QC combined** for improved standardisation
- **Precise temperature control** at 37°C
- **Routine features:** calibration and QC management (including Westgard), complete traceability and STAT samples
- **User friendly** interface with secure access
- **Positive identification** & continuous loading of reagents, samples and disposables
- **Unitary cuvettes** preloaded on trays
- **New patented calibration method:** only once daily required, insensitive to anticoagulant drugs
- **Optimised reagents** for hypo-, hyper-coagulable & samples containing anticoagulant
- **Protein C pathway** function assessed by Thrombomodulin reagent
- **Ready to use fluorescent substrate**

Parameters

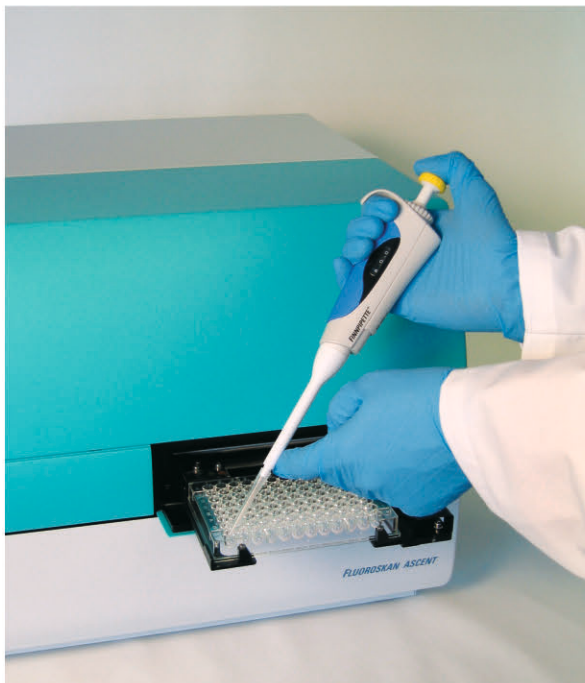
- Lag Time
- Peak Height
- Time to Peak
- Velocity Index
- Endogenous Thrombin Potential
- Endogenous Thrombin Potential Inhibition
- Start Tail

ST GENESIA

Solution & Disposables*

Cat. NR.	Product name	Product description	Pack.
Solution			
00973	STA-Cleaner Solution	6 vials of STA-Cleaner Solution	6 x 2.5 L
Disposables			
86800	STG-Cuvettes	12 racks (40 cuvettes each)	12 x 40
86801	STG-CuvetteWaste	6 removable bins (80 cuvettes capacity each)	6 x 80
86855	Rack for secondary sample tubes ST Genesia	1 item	1
86854	Rack for primary sample tubes ST Genesia	1 item	1
Disposables spare parts			
86853	Kit of 3 filters ST Genesia	3 items	1 x 3
27458	Liquid filter	1 item	1
39356	Equipped needle	1 item	1
86836	1A ST Genesia fuse	2 items	1 x 2
86837	2A ST Genesia fuse	2 items	1 x 2
86838	3A ST Genesia fuse	2 items	1 x 2
86839	4A ST Genesia fuse	2 items	1 x 2
Disposables - Research Use Only			
86939	STG-Cuvettes	12 racks (40 cuvettes each)	12 x 40

*Availability depending upon the country



Thrombin Generation: CAT

Calibrated Automated Thrombogram is a comprehensive system to measure **Thrombin Generation** based on **fluorescence** according to the Hemker & al. method. (Research Product)

CAT system allows the use of PPP or PRP samples. As a global assay, Thrombin Generation reflects the balance between all procoagulant and anticoagulant substances. **It is an excellent solution for laboratories** to obtain picture of coagulation:

- sensitive to any (combination of) drug
- sensitive to any (combination of) haemostasis disorder
- valuable aid in the development of new antithrombotic or haemostasis drug

Supplied with

- 1 Thrombinoscope software dedicated to Thrombin Generation measurement
- 1 excitation filter at 390 nM
- 1 emission filter at 460 nM
- 1 user guide
- 1 USB flash
- 1 Dell PC

To order

86189 CAT System QWERTY

Characteristics

- **The dedicated software calculates in real time all the relevant parameters** like ETP (Endogenous Thrombin Potential), lag time, time to peak, peak height, start tail and velocity index of Thrombin Generation
- **Ready to use standardised reagents explore different components of Thrombin Generation:** plasmatic, platelets, microparticles, antithrombic drugs and antiplatelet drugs.

Parameters

- Lag Time
- Peak Height
- Time to Peak
- Velocity Index
- Endogenous Thrombin Potential
- Start Tail

CAT

Disposables

Cat. NR.	Product name	Product description	Pack.
Disposable			
86175	Immulon 2HB Plate	1 box of 50 microtiter plates	1 x 50
Disposables spare parts			
86177	Halogen Lamp	1 item	1
86185	Complete dispensing tube assem.	1 item	1
86182	Reagent tubing	1 item	1
86176	Dispensing tip	1 item	1



Platelet Aggregometers TA-8V & TA-4V

Semi automated analyser for the **exploration and evaluation of platelet function** in a citrated platelet rich plasma.

A **reliable, fast and effective** instrument with an **ergonomic design**.

Platelet function disorders are associated to bleedings.

In conjunction with the clinical examination of the patient, platelet ability to aggregate can be evaluated by **Light Transmission Aggregometry (LTA)**.

LTA is considered the “**Gold Standard**” for testing platelet function, because it provides important information that is essential for the diagnostic work-up of patients with platelet function defects.

- Constitutional thrombopathy (Glanzmann thrombasthenia, Bernard-Soulier, etc.)
- Acquired thrombopathy
- Follow-up of anti-platelet treatments
- Platelet hypersensitivity

Supplied with

- 1 accessory pack
- 1 screen

To order*

QWERTY Keyboard	58832	TA-8V
	58833	TA-4V

*Availability depending upon the country

Characteristics

- **In vitro quantification of blood platelet aggregation** under different concentrations of various aggregation agents
- **Variations measurement of infra-red light transmission** through platelet suspension
- **Sensitive and reliable tool**
- **Embedded computer** to save space on bench
- **4 to 8 measuring channels**

PLATELET AGGREGOMETERS

Disposable

Cat. NR.	Product name	Product description	Pack.
86921	Glass tubes + stirring bars	1 pack of 1000 pieces	1 x 1000



Digital Solutions

This catalogue contains information on product which is targeted to a wide range of audiences and could contain product details or information concerning goods which are not accessible or valid in your country

CoagOne

By Stago

Coag.One by Stago

NEW

Introducing Coag.One by Stago : one centralised **middleware** system that transforms Haemostasis.

One centralised system that transforms Haemostasis laboratory management, and delivers operational efficiency through its ability to organise data, **streamline workflow** and optimise production from multiple sites.

Intelligently designed, Coag.One takes efficiency to the highest level by delivering a consolidated overview of Haemostasis test results.

Coag.One's **built-in expertise** increases your confidence in making the right clinical decision to improve patient care.

To order*

Please consult Stago or one of its official distributors



*Availability depending upon the country



Characteristics

- **Connectivity & consolidation:** Connection of all Stago instruments across multiple sites - No limitation in the numbers of connections
- **Productivity & efficiency:** TAT Monitoring - Centralised QC management (iQC & EQA) - Activity follow-up
- **Clinical decision support:** Standardisation of validation thanks to auto-verification rules - Expertise based decision with coagulation algorithms
- **Quality & compliance:** Cybersecurity compliant - Accreditation tools to help certification - Audit trail

ConnectOne

By Stago

Connect.One by Stago

Stago offers a **portfolio of new services** which require the Stago devices connection to Stago IT infrastructure.

Thanks to Connect.One and its **secured network architecture**, laboratories will benefit from **remote access and remote monitoring services** allowing Stago to proactively check the proper operations of instruments, troubleshoot and investigate issues and organise remote training session.

Using a single secure entry point, Connect.One will also allow connected devices to **send data** like Quality Control results, cost per reportable results, or instrument health and alarms to Stago managed servers.

To order*

Please consult Stago or one of its official distributors



*Availability depending upon the country



Characteristics

The security of the system and privacy of data has been implemented by design to meet international guidelines compliance (PGSSI-S, AUTO09, AUTO11...):

- **Security on Stago system:**

- > Encryption of data
- > Electronic certificates for each connected device
- > VPN connection
- > Signature of any files with the system electronic certificate

- **Security on Stago servers:**

- > Stago IT server allows only authorised systems to open a VPN connection by checking their electronic certificate validity and checks the electronic signature of the received files to authenticate the sender
- > Stago IT services infrastructure is hosted at a company which is accredited ISAE 3402, SSAE 16 and following the strictest regulations on health and personal data protection in the world
- > Antivirus and Anti-malware software continuously scans Stago IT servers to ensure that the files received from systems and the files sent to systems are virus free
- > The hosting network is monitored with intrusion detection and prevention systems
- > Privileged access to Stago IT servers is limited to administrators and uses strong authentication and audit trail for each operation
- > IT Security audits are performed on a regular basis

AlertOne

By Stago

Alert.One by Stago

NEW

Alert.One by Stago: keeping instruments functioning optimally.

Directly linked to Stago's IT infrastructure via Connect.One, Alert.One is the ultimate solution in remote instrument monitoring for operators in laboratories.

With its instruments' uptime securely supervised, a laboratory benefits from a real-time alert system, in case of malfunction. An invaluable module, Alert.One includes QC and TAT alerts, delayed maintenance action alerts and instantly detects any lost connection between the LIS, the instruments and the data management system from Stago.

To order*

Please consult Stago or one of its official distributors



*Availability depending upon the country



Characteristics

Alert.One's data can be received and consulted anywhere, anytime, on the laboratory's emailing system or via a smartphone app (iOS and Android).



My Expert QC

My Expert QC: the externalised IQC offer by Stago

My Expert QC is a real time external quality control program that continuously monitors the performance of your analyser based on the routine use of Stago internal quality control materials.

My Expert QC offers a flexible group comparison from local to global, covering all Stago QC from routine to specialty.

My Expert QC program is available 24/7 on www.myexpertqc.com

To order*

Please consult Stago or one of its official distributors



KEY FEATURES



GLOBAL PEER GROUP COMPARISON DEDICATED TO HAEMOSTASIS

- All routine and specialized tests available
- Extended WW and nationwide user base
- Multiple lots of QC available



REAL-TIME PEER GROUP COMPARISON

- Automated data transmission
- Cumulative, monthly or weekly statistical reports
- Statistical analysis and alerts in seconds



QC MANAGEMENT MADE EASY

- Meaningful statistical indicators and graphs
- Variety of reports and peer groups offered
- Customizable interface and levels of comparison

*Availability depending upon the country



Characteristics

- **International externalised IQC program**
- My Expert QC operates via Connect.One, the new communication **platform dedicated to Haemostasis**
- Daily QC data are transferred by **secure internet connection**. See the *Control plasma reagent page*
- Other data input methods available for other Stago analysers
- **Access from any computer** connected to the internet
- 3 types of reports: Quick report (at-a-glance report), full report (provides additional statistics and comparison level) and graphical report
- Group data are generated **real-time** to reduce unnecessary troubleshooting
- Allows **Group comparison between IHN laboratories**



My Qualiris QC

Combined with your internal quality control, **an external quality assessment (EQA)** program will allow a comparison of performances with other participants.

Blind plasma covering several concentration levels and reflecting most clinical settings are provided for a regular testing. Peer group comparisons with color-coded alerts and graphs are provided few days after the data submission deadline in monthly reports. Annual reports allow month to month comparison of the results.

My Qualiris QC can be used by all laboratories, regardless of reagents or instrumentation used.

To order*

01044	Qualiris QC Premium S1	01063	Qualiris QC Lupus Anticoagulant
01045	Qualiris QC Premium S2	01187	Qualiris QC Dabigatran
01046	Qualiris QC Experience	01188	Qualiris QC FM-FDP
01047	Qualiris QC Heparin HBPM/LMWH	01272	Qualiris QC DOAC Anti-Xa
01048	Qualiris QC Heparin HNF/UFH	85093	Qualiris QC Premium Factors
01049	Qualiris QC D-Dimer	85094	Qualiris QC Premium Thrombophilia
01050	Qualiris Diagnostic Challenge		

*Availability depending upon the country

Characteristics

- **International EQA programs**
- **Huge number of participants:** 1500 participants Worldwide
- **An accredited ISO 17043 EQA program** that is an additional guarantee in the medical biology laboratory accreditation process (ISO 15189). Our ILC competence and impartiality have been recognized by an independent authority (Cofrac), in accordance with the requirements of the ISO 17043 standard.
Accreditation cofrac comparison interlaboratories n°1-5791, scope available on www.cofrac.fr
- **Reports available** only few days after the data submission deadline
- **A flexible offer adapted to all activities**
 - > Tailor-made service
 - > Register for one routine program to become a Qualiris member
 - > A large choice of options, including a unique offer: the Diagnostic challenge, an educational tool to compare the diagnosis procedures with other laboratories with three new options* launched for 2017 and 2018: DOAC Anti-Xa (apixaban, rivaroxaban & edoxaban), dabigatran & FM-FDP



Pascal M. - Qualiris & EIQC Manager

“My Qualiris QC, a constantly evolving independent EQA organisation. Stago is adapting to recent developments by offering new FM and DOAC programs. A team dedicated solely to managing Qualiris is always on hand to support you in your daily quality procedures.”

*Not concerned by accreditation



Reagents

This catalogue contains information on product which is targeted to a wide range of audiences and could contain product details or information concerning goods which are not accessible or valid in your country.

SCREENING TESTS

Extrinsic pathway

Prothrombin Time (PT)



The prothrombin time is a coagulation screening test.

It measures, as a whole, the activity of the coagulation factors II, V, VII, X and I.

A prolonged PT has been observed in the following clinical states:

- > congenital or acquired deficiencies of factor II, V, VII, X or fibrinogen
- > liver failure (cirrhosis, hepatitis)
- > treatments with vitamin K antagonists
- > hypovitaminosis K: nutritional intake deficiency, disorders in absorption or metabolism of vitamin K (hemorrhagic disease of the newborn, cholestasis, treatment with antibiotics)
- > fibrinolysis
- > DIC

The PT is commonly used for monitoring vitamin K antagonist therapy because of its sensitivity to variations in the concentration of the vitamin K dependent factors II, VII and X. Consequently, the comparability of results of this test is essential for finding the therapeutic range. The use of the INR is recommended for the assessment of the vitamin K antagonist therapy in patients.

Cat. NR.	Product name	Product description	Pack.
Automated reagents			
01163	STA-NeoPTimal 5 Prothrombin Time (PT) (ISI ~ 1)	6 vials of STA-NeoPTimal 5 • 6 vials of solvent	6 x 5 mL
01164	STA-NeoPTimal 10 Prothrombin Time (PT) (ISI ~ 1)	12 vials of STA-NeoPTimal 10 • 12 vials of solvent	12 x 10 mL
01165	STA-NeoPTimal 20 Prothrombin Time (PT) (ISI ~ 1)	12 vials of STA-NeoPTimal 20 • 12 vials of solvent	12 x 20 mL
00665	STA-Néoplastine R 15 Recombinant thromboplastin for determination of Prothrombin Time (PT) (ISI ~ 1)	12 vials of STA-Néoplastine R 15 • 12 vials of solvent	12 x 15 mL
00330	STA-SPA+ Determination of the combined Factors II VII X	12 vials of STA-SPA+ • 12 vials of diluent	12 x 10 mL
Multipurpose reagents			
00374	Néoplastine CI Plus 2 Prothrombin Time (PT) (ISI ~ 1.3)	6 vials of Néoplastine CI Plus 2 • 6 vials of solvent	6 x 2 mL
00375	Néoplastine CI Plus 5 Prothrombin Time (PT) (ISI ~ 1.3)	6 vials of Néoplastine CI Plus 5 • 6 vials of solvent	6 x 5 mL
00376	Néoplastine CI Plus 10 Prothrombin Time (PT) (ISI ~ 1.3)	12 vials of Néoplastine CI Plus 10 • 12 vials of solvent	12 x 10 mL
00122*	SPA 20 Determination of the combined Factors II VII X	12 vials of SPA 20 • 12 vials of diluent	12 x 4 mL

*for Nordic countries only

SCREENING TESTS

Intrinsic pathway

Activated Partial Thromboplastin Time (APTT)



The Activated Partial Thromboplastin Time (APTT) is a general coagulation screening test of the coagulation factors XII, XI, IX, VIII, X, V, II and fibrinogen.

A prolongation of the APTT is encountered in the following situations:

- > congenital deficiencies
- > acquired deficiencies and abnormal conditions

Cat. NR.	Product name	Product description	Pack.
Automated reagents			
00595	STA-PTT Automate 5 Determination of Activated Partial Thromboplastin Time (APTT) (silica activator)	12 vials of STA-PTT Automate 5	12 x 5 mL
00597	STA-C.K. Prest 5 Determination of Activated Partial Thromboplastin Time (APTT) (Kaolin activator)	6 vials of STA-C.K. Prest 5 • 6 vials of solvent + activator	6 x 5 mL
00308	STA-Cephascreen 4 Determination of Activated Partial Thromboplastin Time (APTT) <i>Liquid reagent</i>	12 vials of STA-Cephascreen 4	12 x 4 mL
00310	STA-Cephascreen 10 Determination of Activated Partial Thromboplastin Time (APTT) <i>Liquid reagent</i>	12 vials of STA-Cephascreen 10	12 x 10 mL
Multipurpose reagents			
00598	C.K. Prest 2 Determination of Activated Partial Thromboplastin Time (APTT) (Kaolin activator)	6 vials of C.K. Prest 2 • 6 vials of solvent + activator	6 x 2 mL
00847	C.K. Prest 5 Determination of Activated Partial Thromboplastin Time (APTT) (Kaolin activator)	6 vials of C.K. Prest 5 • 6 vials of solvent + activator	6 x 5 mL
00480	PTT Automate 5 Determination of Activated Partial Thromboplastin Time (APTT) (silica activator)	12 vials of PTT Automate 5	12 x 5 mL
00599	PTT-LA Lupus Anticoagulant APTT based reagent	6 vials of PTT-LA	6 x 2 mL
Reference plasma			
00539	Pool Norm Normal human plasma pool	12 vials of Pool Norm	12 x 1 mL

SCREENING TESTS

Common pathway

Fibrinogen



An increase of the fibrinogen level is found in cases of diabetes, inflammatory syndromes, obesity; a decrease of the fibrinogen level is observed in Disseminated Intravascular Coagulation (DIC), fibrinogenolysis.

Furthermore, fibrinogen seems to be involved in the pathogenicity of thrombotic cardiovascular events.

Cat. NR.	Product name	Product description	Pack.
Automated reagent			
00673	STA-Liquid Fib Quantitative determination of fibrinogen by Clauss method <i>Liquid reagent</i>	12 vials of STA-Liquid Fib	12 x 4 mL



Magalie L. - Global Solution Product Manager

"1.5 tons of paper saved per year is to contribute to an environmentally responsible action with no compromise on quality of service. A new freely-accessible web platform now ensures the document traceability, where you can download records in all languages and thus reduce the number of documents in paper format."

SCREENING TESTS

Fibrin formation

Thrombin Time (TT)



The Thrombin Time (TT) is a rapid and simple test designed for the assessment of fibrin formation. The TT remains normal in deficiencies of factor XIII (fibrin stabilising factor).

The TT should first be performed before any other specific assays are attempted, when a prolongation of the overall tests (PT, APTT) cannot be explained.

Prolongation of the TT indicates:

- > an abnormality of fibrinogen
- > the presence of antithrombins

Cat. NR.	Product name	Product description	Pack.
Automated & multipurpose reagents			
00611	STA-Thrombin 2 Determination of Thrombin Time	12 vials of STA-Thrombin 2	12 x 2 mL
00669	STA-Thrombin 10 Determination of Thrombin Time	12 vials of STA-Thrombin 10	12 x 10 mL
00614	STA-Reptilase Determination of Reptilase time	6 vials of STA-Reptilase	6 x 2 mL



Combination Reagents Calibration plasmas-Quality controls

Cat. NR.	Reagent	Calibration plasma	Quality controls
PT			
01163	STA-NeoPTimal 5	Pre-calibrated	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
01164	STA-NeoPTimal 10	Pre-calibrated	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
01165	STA-NeoPTimal 20	Pre-calibrated	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00665	STA-Néoplastine R 15	Pre-calibrated	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00330	STA-SPA+	N/A	STA-Routine QC 2 mL - Cat. Nr. 00554
00374	Néoplastine CI Plus 2	Unicalibrator - Cat. Nr. 00625 Etaloquick - Cat. Nr. 00496	Coag Control N+P - Cat. Nr. 00621 System Control N+P - Cat. Nr. 00617
00375	Néoplastine CI Plus 5	Unicalibrator - Cat. Nr. 00625 Etaloquick - Cat. Nr. 00496	Coag Control N+P - Cat. Nr. 00621 System Control N+P - Cat. Nr. 00617
00376	Néoplastine CI Plus 10	Unicalibrator - Cat. Nr. 00625 Etaloquick - Cat. Nr. 00496	Coag Control N+P - Cat. Nr. 00621 System Control N+P - Cat. Nr. 00617
00122*	SPA 20	N/A	STA-Routine QC 2 mL - Cat. Nr. 00554

*for Nordic countries only



Combination Reagents Calibration plasmas-Quality controls

Cat. NR.	Reagent	Calibration plasma	Quality controls
APTT			
00595	STA-PTT Automate 5	N/A	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00597	STA-C.K. Prest 5	N/A	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00308	STA-Cephascreeen 4	N/A	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00310	STA-Cephascreeen 10	N/A	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00598	C.K. Prest 2	N/A	Coag Control N+P - Cat. Nr. 00621 System Control N+P - Cat. Nr. 00617
00847	C.K. Prest 5	N/A	Coag Control N+P - Cat. Nr. 00621 System Control N+P - Cat. Nr. 00617
00480	PTT Automate 5	N/A	Coag Control N+P - Cat. Nr. 00621 System Control N+P - Cat. Nr. 00617
00539	Pool Norm	N/A	STA-Coag Control N+P - Cat. Nr. 00621 System Control N+P - Cat. Nr. 00617
Fibrinogen			
00673	STA-Liquid Fib	Pre-calibrated STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
Thrombin			
00611	STA-Thrombin 2	N/A	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00669	STA-Thrombin 10	N/A	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Routine QC P Plus - Cat. Nr. 00714
00614	STA-Reptilase	N/A	STA-System Control N+P - Cat. Nr. 00678

FACTOR ASSAYS

Deficient plasmas

Extrinsic pathway

The assay involves the measurement of the clotting time, in the presence of the **STA-NeoPTimal** reagent, of a system in which all the factors are present and in excess (supplied by **STA-ImmunoDef** or **STA-Deficient**) except the factor which is derived from the sample being tested.

Cat. NR.	Product name	Product description	Pack.
Automated reagents			
00740	STA-ImmunoDef II Immuno-depleted plasma for factor II assay	6 vials of STA-ImmunoDef II	6 x 1 mL
00745	STA-Deficient II Deficient plasma for factor II assay	6 vials of STA-Deficient II	6 x 1 mL
00744	STA-Deficient V Deficient plasma for factor V assay	6 vials of STA-Deficient V	6 x 1 mL
00743	STA-Deficient VII Deficient plasma for factor VII assay	6 vials of STA-Deficient VII	6 x 1 mL
00738	STA-Deficient X Deficient plasma for factor X assay	6 vials of STA-Deficient X	6 x 1 mL
01113	K-Assay Factor XIII Quantitative determination for factor XIII <i>Liquid reagent</i>	2 vials of buffer reagent • 1 vial of latex	2 x 9.5 mL 1 x 6 mL
01114	K-Assay Factor XIII Calibrator Calibration plasma for factor XIII	5 vials of factor XIII calibrator • 1 vial of diluent	5 x 1 mL 1 x 40 mL
01115	K-Assay Coagulation Control Assayed normal and abnormal control plasmas for factor XIII	5 vials of coagulation control Level 1 • 5 vials of coagulation control Level 2	5 x 2 x 0.5 mL



Sylvie L. - R&D Manager

“The standardisation of practices to identify anti-factor antibodies is a challenge for haemostasis laboratories. The use of a complex algorithm, developed in accordance with recommendations by experts in the field, combined with a new graphical representation generally referred to as factor parallelism, will facilitate the interpretation of factor assays.”

FACTOR ASSAYS

Deficient plasmas

Intrinsic pathway

The assay consists of the measurement of the clotting time, in the presence of **cephalin and activator**, of a system in which all the factors are present and in excess (supplied by **STA-ImmunoDef** or **STA-Deficient**) except the factor which is derived from the sample being tested.

Cat. NR.	Product name	Product description	Pack.
Automated reagents			
00728	STA-ImmunoDef VIII Immuno-depleted plasma for factor VIII assay	6 vials of STA-ImmunoDef VIII	6 x 1 mL
T2608*	TriniCHROM Factor VIII:C Quantitative determination of factor VIII:C in human plasma and factor VIII concentrate by chromogenic assay	3 vials of reagent F.IXa • 3 vials of reagent F.X • 3 vials of substrate • 3 vials of dilution buffer	3 x 2 mL 3 x 2 mL 3 x 6 mL 3 x 5 mL
00734	STA-ImmunoDef IX Immuno-depleted plasma for factor IX assay	6 vials of STA-ImmunoDef IX	6 x 1 mL
00759	STA-ImmunoDef XI Immuno-depleted plasma for factor XI assay	6 vials of STA-ImmunoDef XI	6 x 1 mL
00315	STA-ImmunoDef XII Immuno-depleted plasma for factor XII assay	6 vials of STA-ImmunoDef XII	6 x 1 mL
00725	STA-Deficient VIII Immuno-depleted plasma for factor VIII assay	6 vials of STA-Deficient VIII	6 x 1 mL
00724	STA-Deficient IX Immuno-depleted plasma for factor IX assay	6 vials of STA-Deficient IX	6 x 1 mL
00723	STA-Deficient XI Deficient plasma for factor XI assay	6 vials of STA-Deficient XI	6 x 1 mL



Claire M. - R&D Team Leader

"In R&D, we are focused on 3 main activities: developing new products as a first step, but also improving existing reagents and adapting various kits on our instruments. We implement our expertise and know-how on each project in order to offer performant solutions to our customers: for example, automation of TC VIII: C from Tcoag, which permits us to answer to more and more requests for a chromogenic factor VIII determination."

*Availability depending upon the country

FACTOR ASSAYS

Other methods

Asserachrom - Staclot - TriniCHROM

Cat. NR.	Product name	Product description	Pack.
Factor VII			
00281	Staclot VIIa-rTF Chronometric determination of activated factor VII <i>Research Product</i>	2 vials of deficient plasma VII • 2 vials of buffer • 2 vials of rsTF-Phospholipides • 2 vials of F.VIIa calibrator • 2 vials of control 1 • 2 vials of control 2	2 x 1 mL
00491	Asserachrom VIIa-AT Quantitative determination of factor VIIa-Antithrombin complex by ELISA method <i>Research Product</i>	3 x 2 coated strips • 3 vials of sample diluent • 3 vials of anti-AT-peroxidase • 3 vials of TMB • 3 vials of F.VIIa-AT calibrator • 3 vials of F.VIIa-AT control • 3 vials of AT-peroxidase buffer • 1 vial of washing solution	3 x 32 tests
00955	Asserachrom VII:Ag Quantitative determination of factor VII:Ag by ELISA Method <i>Research Product</i>	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-VII:Ag peroxidase • 3 vials of dilution buffer • 3 vials of F.VII calibrator • 3 vials of washing solution • 3 vials of F.VII control	3 x 32 tests
Factor VIII			
T2608*	TriniCHROM Factor VIII:C Quantitative determination of factor VIII:C in human plasma and factor VIII concentrate by chromogenic assay	3 vials of reagent F.IXa • 3 vials of reagent F.X • 3 vials of substrate • 3 vials of dilution buffer	3 x 2 mL 3 x 2 mL 3 x 6 mL 3 x 5 mL
00280	Asserachrom VIII:Ag Quantitative determination of factor VIII:Ag by ELISA method <i>Research Product</i>	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-VIII:Ag peroxidase • 3 vials of dilution buffer • 3 vials of F.VIII:Ag calibrator • 1 vial of washing solution • 3 vials of F.VIII:Ag control	3 x 32 tests
00919	Asserachrom VWF:F.VIIIB Quantitative determination of the capacity of von Willebrand Factor to bind to factor VIII by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-F.VIII-peroxidase • 3 vials of sample diluent • 3 vials of VWF:F.VIII calibrator • 1 vial of washing solution • 3 vials of VWF:F.VIII control • 3 vials of recomb. F.VIII • 3 vials of anti-F.VIII-peroxidase buffer	3 x 32 tests
Factor IX			
00943	Asserachrom IX:Ag Quantitative determination of factor IX:Ag by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-IX:Ag-peroxidase • 1 vial of dilution buffer • 3 vials of F.IX:Ag calibrator • 1 vial of washing solution • 3 vials of F.IX:Ag control	3 x 32 tests
Factor X			
00956	Asserachrom X:Ag Quantitative determination of factor X:Ag by ELISA Method <i>Research Product</i>	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-X:Ag-peroxidase • 3 vials of dilution buffer • 3 vials of F.X calibrator • 1 vial of washing solution • 3 vials of F.X control	3 x 32 tests
Factor XIII			
00870	Factor XIII Reagents Factor XIII activity assay	1 vial of purified fibrinogen • 1 vial of kaolin suspension • 1 vial of monochloroacetic acid • 1 vial of calcium thrombin	1 x 2 mL
01113	K-Assay Factor XIII Quantitative determination for factor XIII <i>Liquid reagent</i>	2 vials of buffer reagent • 1 vial of latex	2 x 9.5 mL 1 x 6 mL
01114	K-Assay Factor XIII Calibrator Calibration plasma for factor XIII	5 vials of factor XIII calibrator • 1 vial of diluent	5 x 1 mL 1 x 40 mL
01115	K-Assay Coagulation Control Assayed normal and abnormal control plasmas for factor XIII	5 vials of coagulation control Level 1 • 5 vials of coagulation control Level 2	5 x 2 x 0.5 mL

*Availability depending upon the country



Combination Reagents Calibration plasmas-Quality controls

Cat. NR.	Reagent	Calibration plasma	Quality controls
Deficient plasmas			
00740	STA-ImmunoDef II	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00745	STA-Deficient II	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00744	STA-Deficient V	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00743	STA-Deficient VII	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00738	STA-Deficient X	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00728	STA-ImmunoDef VIII	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00734	STA-ImmunoDef IX	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00759	STA-ImmunoDef XI	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00315	STA-ImmunoDef XII	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00725	STA-Deficient VIII	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00724	STA-Deficient IX	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00723	STA-Deficient XI	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
T2608*	TriniCHROM Factor VIII:C	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678

FIBRIN FORMATION & DEGRADATION

Fibrin formation

Fibrin monomers

Depending on the generated quantity and environmental conditions, the fibrin monomers may join with fibrinogen and various fibrinogen/fibrin degradation products resulting in the formation of soluble complexes.

These complexes usually called “soluble fibrin” are observed in **prethrombotic situations such as Disseminated Intravascular Coagulation (DIC)**, etc. DIC is an invasion of the circulation by microthromboses which are at the origin of a reactive fibrinolysis.

The consumption of the coagulation factors (factors II, V and X) and of the platelets involves a hemorrhagic risk of variable intensity. High plasma levels of fibrin monomers are usually observed in DIC.

The International Society on Thrombosis and Haemostasis (ISTH) has defined a scoring system to diagnose DIC. An “overt DIC score” may be calculated for each patient and is based on the platelet count, the elevated fibrin-related markers (soluble fibrin monomers or fibrin degradation products), the prolonged Prothrombin Time (PT) and the fibrinogen level.

Cat. NR.	Product name	Product description	Pack.
Automated reagent			
00543	STA-Liatest FM Quantitative determination of fibrin monomers by immuno turbidimetric method <i>Liquid reagent</i>	6 vials of latex • 6 vials of buffer	6 x 4 mL 6 x 2 mL
Manual reagents			
00857	F.S. Test Detection of soluble fibrin monomers complexes by hemagglutination	4 vials of F.S. Test reagent • 4 vials of positive control • 4 vials of negative control	4 x 0.5 mL
00887	F.S. Test Unit Detection of soluble fibrin monomers complexes by hemagglutination	8 vials of F.S. Test Unit reagent • 8 vials of positive control • 8 vials of negative control • 10 test cards	8 x 0.2 mL
00548	Test cards for F.S. Test and FDP Plasma kits	10 test cards	1 x 10

FIBRIN FORMATION & DEGRADATION

Degradation products

D-Dimer

- **Thromboses**

It is established that a normal D-Dimer level is an important element to rule out the diagnosis of evolutive Deep Venous Thromboses (DVT) or Pulmonary Embolisms (PE). STA-Liatest DDi PLUS is clinically validated to safely exclude DVT & PE.

- **Disseminated Intravascular Coagulation (DIC)**

In DIC the fibrinolytic system is activated and therefore the D-Dimer level increases. D-Dimer assays can help in the diagnosis of DIC.

- **Activation States of Coagulation**

The D-Dimer level increases during the activation states of coagulation because such states induce the production of thrombin which is followed by the formation of fibrin and leads to fibrinolysis, the latter being most frequently reactive. The D-Dimer level thus increases following coagulation activation.

Increased levels of D-Dimer have been reported in the following cases: post-operative period, cancers, hemorrhages, severe infections.

Cat. NR.	Product name	Product description	Pack.
Automated reagent			
00662	STA-Liatest D-Di Plus Quantitative determination of D-Dimer levels by immuno-turbidimetric method <i>Liquid reagent</i>	6 vials of latex • 6 vials of buffer	6 x 6 mL 6 x 5 mL
Manual reagents			
00947	Asserachrom D-Di Quantitative determination of D-Dimer levels by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-D Peroxidase • 3 vials of dilution buffer • 3 vials of D-Di calibrator • 1 vial of washing solution • 3 vials of D-Di control	3 x 32 tests
00454	D-Di Test Qualitative and semi quantitative determination of D-Dimer levels by latex agglutination	1 vial of latex • 1 vial of buffer • 1 vial of negative control • 10 test cards • 1 vial of positive control • mixing rods	1 x 1.3 mL
00550	Test cards for D-Di Test kit	10 test cards	1 x 10



Céline D. - Clinical Research Associate

“The DiET study confirmed the excellent clinical performance of Stago D-Di, in accordance with FDA requirements. This is the first prospective clinical study of this scale conducted by Stago (2000 patients, 18 sites ...). Obtaining recognition of the FDA and the publication of the first results in Blood Coagulation and Fibrinolysis (Vol 27, July 2016) is a reward for the whole team.”

FIBRIN FORMATION & DEGRADATION

Degradation products

FDP

FDP are considered to be useful for **the diagnosis of thrombosis**, such as Deep Vein Thrombosis (DVT) and Disseminated Intravascular Coagulation (DIC).

FDP may be used as a **fibrin formation marker** in the calculation of the DIC score defined by the ISTH (International Society on Thrombosis and Haemostasis), the JAAM (Japanese Association for Acute Medicine) and the JMHV (Japanese Ministry of Health and Welfare).

Cat. NR.	Product name	Product description	Pack.
Automated reagent			
00649	STA-Liatest FDP Quantitative determination of fibrin and fibrinogen degradation products by immuno-turbidimetric method <i>Liquid reagent</i>	6 vials of latex • 6 vials of buffer	6 x 5 mL 6 x 5 mL
Manual reagents			
00540	FDP Plasma Qualitative and semi quantitative determination of fibrin & fibrinogen degradation products (FDP) in plasma by latex agglutination	1 vial of latex • 1 vial of buffer • 1 vial of negative control • 10 test cards • 1 vial of positive control • mixing rods	1 x 1.3 mL
00541	FDP Plasma (latex)	12 vials of latex	12 x 1.3 mL
00551	FDP Plasma (buffer)	12 vials of buffer	12 x 20 mL
00548	Test cards for F.S. Test and FDP Plasma kits	10 test cards	1 x 10

FIBRIN FORMATION & DEGRADATION

Combination Reagents Calibration plasmas-Quality controls



Cat. NR.	Reagent	Calibration plasma	Quality controls
Fibrin formation			
00543	STA-Liatest FM	STA-FM Calibrator - Cat. Nr. 00544	STA-FM Control - Cat. Nr. 00545
Degradation products			
00662	STA-Liatest D-Di Plus	Pre-calibrated	STA-D-Di Control - Cat. Nr. 00868 STA-Liatest Control N+P - Cat. Nr. 00526
00649	STA-Liatest FDP	STA-FDP Calibrator - Cat. Nr. 00655	STA-FDP Control - Cat. Nr. 00654

FIBRINOLYSIS

Fibrinolysis

TAFI - Plasminogen - Antiplasmin - tPA - PAI



The specific degradation of fibrin (i.e., fibrinolysis) is the reactive mechanism responding to the formation of fibrin. Plasmin is the fibrinolytic enzyme derived from the inactive plasminogen. Plasminogen is converted into plasmin by plasminogen activators. The main plasminogen activators are the tissue Plasminogen Activator (tPA) and the pro-urokinase which is activated into urokinase (UK) by, among others, the contact system of coagulation. In the bloodstream, plasmin is rapidly and specifically neutralized by α 2-antiplasmin thereby restricting its fibrinogenolytic activity and localising the fibrinolysis on the fibrin clot.

On the fibrin clot plasmin degrades fibrin into various products. Antibodies specific of these products, which do not recognize fibrinogen, have been developed. The presence of these various fibrin degradation products, among which D-dimer is the terminal product, is proof that the fibrinolytic system is in action in response to coagulation activation.

Cat. NR.	Product name	Product description	Pack.
00346	STA-Stachrom TAFI Chromogenic assay for the quantitative determination of the Thrombin Activatable Fibrinolysis Inhibitor (TAFI) activity <i>Research Product</i>	2 vials of TAFI activator • 2 vials of substrate • 4 vials of carboxypeptidase A • 2 vials of TAFI calibrator • 2 vials of TAFI control	80 tests
00616	Asserachrom TAFIa/TAFIai Quantitative determination of activated and/or inactivated TAFI by ELISA method <i>Research Product</i>	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-TAFIa/TAFIai Peroxidase • 3 vials of dilution buffer • 3 vials of TAFIa/TAFIai calibrator • 1 vial of washing solution • 3 vials of TAFIa/TAFIai control	3 x 32 tests
00658	STA-Stachrom Plasminogen Chromogenic assay of plasminogen	6 vials of streptokinase • 6 vials of substrate	6 x 3 mL
00659	STA-Stachrom Antiplasmin Chromogenic assay of antiplasmin	4 vials of plasmin • 4 vials of solvent • 4 vials of substrate	4 x 2 mL 4 x 6 mL
00948	Asserachrom tPA Quantitative determination of tissue Plasminogen Activator (tPA) by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-tPA peroxidase • 3 vials of dilution buffer • 3 vials of tPA calibrator • 1 vial of washing solution • 3 vials of tPA control	3 x 32 tests
00807	Stachrom PAI Chromogenic assay of Plasminogen Activator Inhibitor 1 (PAI 1)	2 vials of urokinase • 2 vials of PAI calibrator 1 • 2 vials of plasminogen • 2 vials of PAI calibrator 2 • 2 vials of substrate • 2 vials of PAI calibrator 3	2 x 2 mL
00949	Asserachrom PAI 1 Quantitative determination of Plasminogen Activator Inhibitor 1 (PAI 1) by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-PAI 1 peroxidase • 3 vials of dilution buffer • 3 vials of PAI 1 calibrator • 1 vial of washing solution • 3 vials of PAI 1 control	3 x 32 tests

REAGENTS

FIBRINOLYSIS

Combination Reagents Calibration plasmas-Quality controls



Cat. NR.	Reagent	Calibration plasma	Quality controls
00658	STA-Stachrom Plasminogen	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00659	STA-Stachrom Antiplasmin	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678

ANTICOAGULANT TREATMENTS

Heparins & Direct Anti-Xa

UFH - LMWH - fondaparinux - rivaroxaban - apixaban - edoxaban

Heparins (UFH and LMWH) and Direct Anti-Xa Oral Anticoagulants are used for the prevention and treatment of thromboembolic diseases.

The quantitative determination of anti-Xa activity:

> of the heparin (UFH) is helpful for monitoring treatment efficacy

> of rivaroxaban, apixaban or edoxaban level, in conjunction with clinical examination, is helpful in the assessment of the clinical status in certain situations.

Cat. NR.	Product name	Product description	Pack.
Anti-Xa chromogenic assays			
00311	STA-Liquid Anti-Xa 4 Chromogenic assay of UFH, LMWH, fondaparinux (Arixtra), rivaroxaban (Xarelto), apixaban (Eliquis) and edoxaban (Lixiana/Savaysa) <i>Liquid reagent</i>	6 vials of substrate • 6 vials of factor Xa	6 x 4 mL
00322	STA-Liquid Anti-Xa 8 Chromogenic assay of UFH, LMWH, fondaparinux (Arixtra), rivaroxaban (Xarelto), apixaban (Eliquis) and edoxaban (Lixiana/Savaysa) <i>Liquid reagent</i>	6 vials of substrate • 6 vials of factor Xa	6 x 8 mL
00906	Stachrom Heparin Chromogenic assay of UFH and LMWH	4 vials of antithrombin • 4 vials of factor Xa • 2 vial of buffer • 4 vials of substrate	4 x 4 mL
Anti-Xa clotting assay			
00691	STA-Staclot Heparin 1 Clotting assay of UFH and LMWH	4 vials of substrate plasma • 4 vials of factor Xa • 4 vials of phospholipids Ca++	4 x 1 mL



Tristan H. - Pharmaceutical Development Director

"After 50 years of VKA predominance, direct oral anticoagulants have upset this market and the care of patients. To be closer to this evolution, Stago develops exclusive cooperations with the pharma companies producing each of these drugs in order to make available diagnostic tools to measure their plasma concentration."

ANTICOAGULANT TREATMENTS

HIT

Heparin Induced Thrombocytopenia

Heparin induced thrombocytopenia type II (HIT) is a life-threatening disease associated with exposure to unfractionated or less commonly low-molecular-weight heparin. HIT occurs in up to 5 % of patients on heparin.

HIT is caused by **IgG antibodies** that recognize complexes of platelet factor 4 (PF4) and heparin inducing platelet activation and thrombin generation that promote venous and/or arterial thromboembolism.

There is evidence for a correlation between antibody concentration and risk of HIT.

Cat. NR.	Product name	Product description	Pack.
01058	Stic Expert HIT 5 Lateral Flow Immunoassay to detect IgG antibodies against heparin-PF 4 complexes	5 tests • 1 vial of buffer	1 x 5 tests
01059	Stic Expert HIT 20 Lateral Flow Immunoassay to detect IgG antibodies against heparin-PF 4 complexes	20 tests • 1 vial of buffer	1 x 20 tests
00615	Asserachrom HPIA Determination of anti-heparin PF4 antibodies by ELISA method	3 x 2 coated strips • 3 vials of HPIA negative control • 3 vials of HPIA reference • 3 vials of HPIA positive control • 1 vial of washing solution • 6 vials of TMB • 6 vials of anti-human IgG/A/M peroxidase • 3 vials of dilution buffer	3 x 2 x 8 tests
00624	Asserachrom HPIA-IgG Determination of anti-heparin PF4 antibodies of IgG class by ELISA method	3 x 2 coated strips • 3 vials of HPIA negative control • 3 vials of HPIA reference • 3 vials of HPIA positive control • 1 vial of washing solution • 6 vials of TMB • 6 vials of anti-human IgG peroxidase • 3 vials of dilution buffer	3 x 2 x 8 tests

ANTICOAGULANT TREATMENTS

DTI

Direct Thrombin Inhibitors



The ECA is based on the cleavage of prothrombin by **ecarin**, a snake venom metalloprotease from **Echis carinatus**. The generated activation products (mainly meizothrombin) enzymatically cleave a chromogenic substrate thereby p-nitroaniline is released. This cleavage is concentration-dependently inhibited by DTI, present in the plasma sample.

Cat. NR.	Product name	Product description	Pack.
00992	STA-ECA II Ecarin chromogenic assay of direct thrombin inhibitors (dabigatran)	2 vials of prothrombin • 2 vials of substrate • 2 vials of ecarin	2 x 25 tests



Combination Reagents Calibration plasmas-Quality controls

Reagent	STA-Liquid Anti-Xa Cat. Nr. 00311 (4 mL) / Cat. Nr. 00322 (8 mL)				
Molecules	UFH & LMWH	fondaparinux	rivaroxaban	apixaban	edoxaban
Calibration type	Dedicated calibration HNF/HBPM Hybrid calibration	Dedicated calibration	Dedicated calibration	Dedicated calibration	Dedicated calibration
Calibration plasma	STA-Multi-Hep Calibrator Cat. Nr. 00348	STA-Fondaparinux Calibrator Cat. Nr. 00354	STA-Rivaroxaban Calibrator Cat. Nr. 00704	STA-Apixaban Calibrator Cat. Nr. 01075	STA-Edoxaban Calibrator Cat. Nr. 01073
Quality Controls	STA-Quality HNF/UFH Cat. Nr. 00381 STA-Quality HBPM/ LMWH Cat. Nr. 00686	STA-Fondaparinux Control Cat. Nr. 00355	STA-Rivaroxaban Control Cat. Nr. 00706	STA-Apixaban Control Cat. Nr. 01074	STA-Edoxaban Control Cat. Nr. 01072

Reagent	STA-Staclot Heparin Cat. Nr. 00691 Stachrom Heparin Cat. Nr. 00906	
Molecules	UFH	LMWH
Calibration type	Dedicated calibration UFH	Dedicated calibration LMWH
Calibration plasma	STA-Hepanorm H Cat. Nr. 00684	STA-Hepanorm HBPM Cat. Nr. 00681
Quality Controls	STA-Heparin Control (UFH) Cat. Nr. 00683	STA-HBPM/LMWH Control Cat. Nr. 00682



Combination Reagents Calibration plasmas-Quality controls

Cat. NR.	Reagent	Calibration plasma	Quality controls
00992	STA-ECA II	STA-Dabigatran Calibrator - Cat. Nr. 00993	STA-Dabigatran Control - Cat. Nr. 00994

THROMBOPHILIA

Major Physiological Inhibitors

AT - Protein C - APCR - Protein S - C4b-BP

Antithrombin (AT)

Antithrombin (AT) is a glycoprotein of a molecular weight of approximately 58,000 daltons, synthesized in the liver.

As an inhibitor of thrombin, the activity of AT is dramatically enhanced by heparin. It also inhibits factor Xa and to a lesser extent the factors IXa, XIa, XIIa as well as plasmin and kallikrein.

Since the first report (1965) of a hereditary deficiency of AT and its consequences, AT has been considered an important parameter in thromboembolic disorders.

Protein C

Protein C belongs to the group of vitamin K-dependent proteins.

It is synthesized in the liver. In the activated state protein C regulates the coagulation process by neutralising the procoagulant activities of the factors Va and VIIIa in the presence of protein S, itself also a vitamin K-dependent protein and is a cofactor of activated protein C.

There is a clinical interest in determining the protein C level because of the existence of protein C deficiencies, both acquired and congenital. In order to characterise a protein C deficiency it is recommended that the STA-Stacot Protein C test be complemented with the immunological Asserachrom Protein C assay and with the chromogenic STA-Stachrom Protein C assay.

Activated Protein C Resistance (APCR)

As early as 1990, L. Amer suggested in a patient with thromboses the presence of a plasma constituent which inhibited the activated protein C (PCa) anticoagulant activity.

In 1994, R.M. Bertina found that this anomaly was associated with a mutation located in exon 10 of the factor V gene. This mutation leads to the synthesis of the factor V Leiden in which arginine 506 is replaced by glutamine.

This position corresponds to the first cleavage site of factor Va by PCa. It is more difficult for PCa to inactivate factor Va Leiden than normal factor Va. Other mutations responsible for activated protein C resistance have been reported. The factor V Leiden mutation is autosomal dominant and it is frequently found in Caucasians.

This anomaly is associated with a higher risk of thromboses, especially when the co-existence of other risk factors is present in the carrier.

Protein S

Protein S is a vitamin K-dependent protein that does not possess any esterase function.

Physiologically, protein S has an essential anticoagulant function.

It acts as the cofactor of activated protein C.

In the presence of calcium, this complex binds strongly to the phospholipid surfaces and thus regulates the coagulation process, inactivating by proteolysis thrombin-activated factors V and VIII.

The biochemistry of protein S appears to be quite complex by the fact that it forms a dynamic equilibrium with the protein that binds the C4b-binding protein (C4b-BP).

- > the free protein S form which acts as the cofactor of activated protein C and represents about 40 % of total protein S
- > the high molecular weight C4b-BP bound protein S form which exhibits no activity as a cofactor of activated protein C and represents about 60 % of total protein S

The congenital or acquired deficiency of protein S increases the risk of thrombo-embolism, owing to a decrease of blood anticoagulant potential. It may produce recurrent thrombotic episodes.

THROMBOPHILIA

Major Physiological Inhibitors

AT - Protein C - APCR - Protein S - C4b-BP

Cat. NR.	Product name	Product description	Pack.
Antithrombin (AT)			
00596	STA-Stachrom AT III 3 Chromogenic assay of Antithrombin	4 vials of thrombin • 4 vials of substrate • 4 vials of thrombin solvent	4 x 3 mL
00672	STA-Stachrom AT III 6 Chromogenic assay of Antithrombin	4 vials of thrombin • 4 vials of substrate • 4 vials of thrombin solvent	4 x 6 mL
00568	Liatest AT III Quantitative determination of Antithrombin by immuno-turbidimetric method	6 vials of latex • 6 vials of buffer	6 x 1 mL
Protein C			
00747	STA-Staclot Protein C 1 Clotting assay of Protein C	3 vials of PC deficient plasma • 3 vials of PC activator	6 x 1 mL
00737*	STA-Staclot Protein C 3 Clotting assay of Protein C	6 vials of PC deficient plasma • 6 vials of PC activator	6 x 3 mL
00671	STA-Stachrom Protein C Chromogenic assay of Protein C	6 vials of PC activator • 6 vials of substrate	6 x 6 mL
00944	Asserachrom Protein C Quantitative determination of Protein C by ELISA method	3 x 2 coated strips • 3 vials of Protein C control • 1 vial of washing solution • 3 vials of TMB • 3 vials of anti-Protein C peroxidase • 3 vials of dilution buffer • 3 vials of Protein C calibrator	3 x 32 tests
Activated Protein C Resistance (APCR)			
00721	STA-Staclot APC R Clotting test for the detection of APC Resistance	4 vials of F.V deficient plasma • 4 vials of Control N • 4 vials of APC • 4 vials of Control P • 4 vials of venom	4 x 2 mL
Protein S			
00746	STA-Staclot Protein S Clotting assay of Protein S	2 vials of PS deficient plasma • 2 vials of F.Va • 2 vials of APC	2 x 1 mL
00527	STA-Liatest Free Protein S 2 Quantitative determination of Free Protein S by immuno-turbidimetric method <i>Liquid reagent</i>	3 vials of latex • 3 vials of buffer	3 x 2 mL
00516	STA-Liatest Free Protein S 6 Quantitative determination of Free Protein S by immuno-turbidimetric method <i>Liquid reagent</i>	6 vials of latex • 6 vials of buffer	6 x 6 mL
00945	Asserachrom Total Protein S Quantitative determination of Total Protein S by ELISA method	3 x 2 coated strips • 3 vials of Total Protein S calibrator • 3 vials of dilution buffer • 3 vials of TMB • 3 vials of Total Protein S control • 1 vial of washing solution • 3 vials of anti-Total Protein S peroxidase	3 x 32 tests
00946	Asserachrom Free Protein S Quantitative determination of Free Protein S by ELISA method	3 x 2 coated strips • 3 vials of Free Protein S calibrator • 3 vials of dilution buffer • 3 vials of TMB • 3 vials of Free Protein S control • 1 vial of washing solution • 3 vials of anti-Free Protein S peroxidase	3 x 32 tests
C4b-BP			
00581	Liatest C4b-BP Quantitative determination of C4b-BP by immuno-turbidimetric method <i>Research Product</i>	6 vials of latex • 6 vials of buffer	6 x 1 mL

*Availability depending upon the country

THROMBOPHILIA

Antiphospholipid syndrome

Lupus Anticoagulants (LA)

Lupus anticoagulants (LA) are associated with numerous clinical states: systemic lupus erythematosus, recurrent spontaneous abortions, thrombosis, infections. The diagnosis of LA is often difficult because of variable reagent sensitivity and the intrinsic heterogeneity of LA.

Lupus anticoagulants are antibodies directed against phospholipid/protein complexes. They have the ability to prolong the clotting times of the phospholipid-dependent tests. In practice, factor deficient plasmas are easily identified with APTT, since the addition of normal plasma restores normal in vitro clotting time.

However additional tests are necessary to provide clear-cut differentiation between LA and anti-coagulation factor antibodies and/or heparin.

Cat. NR.	Product name	Product description	Pack.
DRVV Screening and Confirmation			
00339	STA-Staclot DRVV Screen 2 Detection of the LA by the diluted Russel's viper venom test	12 vials of STA-Staclot DRVV Screen 2	12 x 2 mL
00333	STA-Staclot DRVV Screen 5 Detection of the LA by the diluted Russel's viper venom test	12 vials of STA-Staclot DRVV Screen 5	12 x 5 mL
00334	STA-Staclot DRVV Confirm Confirmation of LA by the diluted Russel's viper venom test	12 vials of STA-Staclot DRVV Confirm	12 x 2 mL
APTT Method Screening and Confirmation			
00599	PTT-LA Lupus Anticoagulant APTT based reagent	6 vials of PTT-LA	6 x 2 mL
00600	Staclot LA Hexagonal phospholipids screening and confirmatory assay for LA	2 vials of hexagonal phospholipids • 2 vials of buffer • 4 vials of normal plasma • 2 vials of solvent • 2 vials of PTT LS	10 tests
Reference plasma			
00539	Pool Norm Normal human plasma pool	12 vials of Pool Norm	12 x 1 mL

THROMBOPHILIA

Antiphospholipid syndrome

Antiphospholipid Antibodies (APA)



Antiphospholipid antibodies constitute a heterogeneous family of antibodies directed against phospholipids alone or bound to protein cofactor.

Antiphospholipid antibodies have been reported in various clinical states: auto-immune diseases (systemic lupus erythematosus), infections, cancer, thrombopenia, consumption of some drugs.

Their persistent presence is often associated with arterial or venous thrombosis, or with recurrent fetal losses, thus defining the Antiphospholipid Syndrome.

Cat. NR.	Product name	Product description	Pack.
00266	Asserachrom APA Screen Qualitative determination of IgG, IgA, IgM antiphospholipid antibodies by ELISA method	3 x 2 coated strips • 3 vials of dilution buffer • 3 vials of control 1 • 1 vial of washing solution • 3 vials of anti-IgG/A/M peroxidase • 3 vials of TMB • 3 vials of APA Screen reference • 3 vials of control 2	3 x 32 tests
00267	Asserachrom APA IgG,M Quantitative determination of antiphospholipid antibodies (IgG and/or IgM) by ELISA method	3 x 2 coated strips • 3 vials of dilution buffer • 3 vials of control 1 • 1 vial of washing solution • 3 vials of anti-IgG peroxidase • 3 vials of TMB • 3 vials of anti-IgM peroxidase • 3 vials of control 2 • 3 vials of APA IgG/M calibrator *Availability depending upon the country	3 x 32 tests

THROMBOPHILIA

Other Inhibitors

HCII - TFPI - sEPCR

Cat. NR.	Product name	Product description	Pack.
Heparin Cofactor II (HCII)			
00851	Stachrom HCII Chromogenic assay of Heparin Cofactor II <i>Research Product</i>	6 vials of thrombin • 6 vials of substrate • 2 vials of buffer	6 x 2 mL
Tissue Factor Pathway Inhibitor (TFPI)			
00261	Asserachrom Total TFPI Quantitative determination of Total Tissue Factor Pathway Inhibitor (TFPI) by ELISA method <i>Research Product</i>	3 x 2 coated strips • 3 vials of anti-Total TFPI peroxidase • 1 vial of washing solution • 6 tablets of OPD • 3 vials of Total TFPI calibrator • 6 tablets of urea peroxide • 3 vials of Total TFPI control • 1 vial of dilution buffer	3 x 32 tests
00262	Asserachrom Free TFPI Quantitative determination of Free Tissue Factor Pathway Inhibitor (TFPI) by ELISA method <i>Research Product</i>	3 x 2 coated strips • 3 vials of anti-Free TFPI peroxidase • 1 vial of washing solution • 6 tablets of OPD • 3 vials of Free TFPI calibrator • 6 tablets of urea peroxide • 3 vials of Free TFPI control • 1 vial of dilution buffer	3 x 32 tests
Soluble Endothelial Protein C Receptor (sEPCR)			
00264	Asserachrom sEPCR Quantitative determination of soluble Endothelial Protein C Receptor by ELISA method <i>Research Product</i>	3 x 2 coated strips • 3 vials of TMB • 1 vial of washing solution • 3 vials of dilution buffer • 3 vials of sEPCR calibrator • 3 vials of sEPCR control • 3 vials of anti-sEPCR peroxidase	3 x 32 tests



Combination Reagents Calibration plasmas-Quality controls

Cat. NR.	Reagent	Calibration plasma	Quality controls
Antithrombin (AT)			
00596	STA-Stachrom AT III 3	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Coag Control N+P - Réf. 00679 STA-Routine QC 2 mL - Réf. 00554
00672	STA-Stachrom AT III 6	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678 STA-Coag Control N+P - Cat. Nr. 00679 STA-Routine QC 2 mL - Cat. Nr. 00554 STA-Coag Control N+P - Réf. 00679 STA-Routine QC 2 mL - Réf. 00554
Protein C			
00747	STA-Staclot Protein C 1	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00737*	STA-Staclot Protein C 3	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00671	STA-Stachrom Protein C	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
Protein S			
00746	STA-Staclot Protein S	STA-Unicalibrator - Cat. Nr. 00675	STA-System Control N+P - Cat. Nr. 00678
00527	STA-Liatest Free Protein S 2	Pre-calibrated	STA-Liatest Control N+P - Cat. Nr. 00526
00516	STA-Liatest Free Protein S 6	Pre-calibrated	STA-Liatest Control N+P - Cat. Nr. 00526
LA			
00339	STA-Staclot DRVV Screen 2	N/A	STA-Control LA 1+2 - Cat. Nr. 00201
00333	STA-Staclot DRVV Screen 5	N/A	STA-Control LA 1+2 - Cat. Nr. 00201
00334	STA-Staclot DRVV Confirm	N/A	STA-Control LA 1+2 - Cat. Nr. 00201
00600	Staclot LA	N/A	STA-Control LA 1+2 - Cat. Nr. 00201

PRIMARY HAEMOSTASIS

Primary Haemostasis

Von Willebrand Factor (VWF) & Activation markers

Von Willebrand Factor (VWF) is a multimeric plasmatic glycoprotein involved in primary hemostasis and in the coagulation process. It plays an important role in the adhesion of platelets to the vascular subendothelium and in the formation of thrombi via its linkages with the glycoprotein (GP) complexes Ib/IX and IIb/IIIa.

In the coagulation process, VWF serves as a carrier for factor VIII (antihemophilic factor A) and protects it from degradation.

Von Willebrand Disease (VWD) is the most common inherited bleeding disorder. Clinically, it is often characterized by muco-cutaneous hemorrhages.

Cat. NR.	Product name	Product description	Pack.
VWF			
01191*	STA-VWF:Rco Automated assay for the determination of Ristocetin Cofactor activity of Von Willebrand Factor	3 vials of human lyophilized platelets • 3 vials of Ristocetin • 1 vial of TBS buffer • 2 vials of calibrator • 3 vials of normal control • 3 vials of abnormal control	3 x 20 tests
00518	STA-Liatest VWF:Ag Quantitative determination of VWF by immuno-turbidimetric method	4 vials of latex • 4 vials of buffer • 4 vials of latex diluent	4 x 5 mL
00942	Asserachrom VWF:Ag Quantitative determination of VWF by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-VWF peroxidase • 1 vial of dilution buffer • 3 vials of VWF calibrator • 1 vial of washing solution • 3 vials of VWF control	3 x 32 tests
00239	Asserachrom VWF:CB Quantitative determination of the capacity of VWF to bind to Collagen by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-VWF peroxidase • 3 vials of dilution buffer • 3 vials of VWF:CB calibrator • 1 vial of washing solution • 3 vials of VWF:CB control	3 x 32 tests
00919	Asserachrom VWF:FVIII Quantitative determination of the capacity of VWF to bind to F.VIII by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-F.VIII peroxidase • 3 vials of dilution buffer • 3 vials of VWF:F.VIII calibrator • 1 vial of washing solution • 3 vials of VWF:F.VIII control • 3 vials of recomb. F.VIII • 3 vials of recomb. F.VIII and peroxidase buffer	3 x 32 tests
00501	Ristocetin <i>Research Product</i>	1 vial of Ristocetin	100 mg
Activation markers			
00950	Asserachrom β TG Quantitative determination of β Thromboglobulin (β TG) by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-β TG peroxidase • 3 vials of dilution buffer • 3 vials of β TG calibrator • 1 vial of washing solution • 3 vials of β TG control	3 x 32 tests
00951	Asserachrom PF4 Quantitative determination of Platelet Factor 4 (PF4) by ELISA method	3 x 2 coated strips • 3 vials of TMB • 3 vials of anti-PF4 peroxidase • 3 vials of dilution buffer • 3 vials of PF4 calibrator • 1 vial of washing solution • 3 vials of PF4 control	3 x 32 tests

*Availability depending upon the country



Combination Reagents Calibration plasmas-Quality controls

Cat. NR.	Reagent	Calibration plasma	Quality controls
VWF Factor			
00518	STA-Liatest VWF:Ag	STA-Liatest VWF:Ag Calibrator - Cat. Nr. 00520	STA-Liatest Control N+P - Cat. Nr. 00526

PRIMARY HAEMOSTASIS

Platelets

Flow Cytometry & ELISA*

Cat. NR.	Product name	Product description	Pack.
Flow Cytometry assays			
00449	PLT VASP/P2Y12 For the monitoring of P2Y12 ADP receptor antagonists by flow cytometry	1 vial of diluent • 1 vial of PGE1 • 1 vial of PGE1 + ADP • 1 vial of fixative agent • 1 vial of anti-VASP P mouse monoclonal antibody • 1 vial of negative isotypic control • 1 vial of staining reagent	10 samples
00111	PLT GP Receptors Quantitative determination of platelet surface glycoproteins by flow cytometry	1 vial of diluent • 1 vial of fixative agent • 1 vial of negative isotypic control • 1 vial of TRAP • 1 vial of anti-GPIIb/IIIa • 1 vial of anti-GPIb • 1 vial of anti-GPIIIa • 1 vial of anti-GMP 140 • 1 vial of staining reagent • 1 vial of calibrator	5 samples
00452	Platelet PAIg Kit for Platelet Associated Immunoglobulin quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of calibrator • 1 vial of Mab • 1 vial of staining reagent • 1 vial of negative isotypic control • 1 vial of buffer	10 samples
00457	Platelet Calibrator Kit for customised platelet antigen quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of negative isotypic control IgG2b • 1 vial of negative isotypic control IgG1 • 1 vial of calibrator • 1 vial of negative isotypic control IgG2a • 1 vial of staining reagent	50 samples
00418	Platelet GP Screen Kit for customised platelet glycoprotein quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of Mab2 anti-GPIa • 1 vial of calibrator • 1 vial of Mab2 anti-GPIb • 1 vial of staining reagent • 1 vial of Mab2 anti-GPIIIa	10 samples
00420	Megamix Beads for cytometer settings in microparticles analysis <i>Research Product</i>	1 vial of beads	50 tests
01077	Megamix-Plus FSC Beads for FSC-optimized cytometer settings in microparticles analysis <i>Research Product</i>	1 vials of beads	50 tests
01078	Megamix-Plus SSC Beads for SSC-optimized cytometer settings in microparticles analysis <i>Research Product</i>	1 vial of beads	50 tests
01169	MP-Count Beads Absolute counting microparticles by flow cytometry on PPP or purified microparticles <i>Research Product</i>	1 vial of 3 mL	100 tests
01000	Cellquant PNH Kit for Paroxysmal Nocturnal Haemoglobinuria diagnosis on granulocytes by flow cytometry	1 vial of diluent • 1 vial of Mab anti-CD55 • 1 vial of calibrated beads • 1 vial of Mab anti-CD59 • 1 vial of saturation reagent • 1 vial of staining reagent • 3 vials of redcell lysing solution	12 samples
01003	Redquant PNH Kit for Paroxysmal Nocturnal Haemoglobinuria diagnosis on red blood cells by flow cytometry	1 vial of diluent • 1 vial of Mab anti-CD55 • 2 vials of calibrated beads • 1 vial of Mab anti-CD59 • 1 vial of saturation reagent • 1 vial of staining reagent	12 samples
01001	Cellquant Calibrator Kit for customised leukocyte surface antigen quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of calibration beads • 1 vial of staining reagent • 1 vial of neutralisation solution	12 samples
ELISA assay			
01076	Cy-Quant VASP/P2Y12 For the monitoring of P2Y12 ADP receptor antagonists by ELISA	96 divisible anti-VASP coated wells • 1 vial of washing solution • 3 vials of PGE1 • 1 vial of dilution buffer • 3 vials of PGE1 + ADP • 1 vial of TMB • 1 vial of anti-VASP-P peroxidase • 1 vial of stop solution • 1 vial of lysis buffer	96 unitary tests

*Availability depending upon the country

PRIMARY HAEMOSTASIS

Platelets

Platelet aggregation^{*}

Agonists for the evaluation of platelet functions by the activation of different receptors and signalisation pathways.

Cat. NR.	Product name	Product description	Pack.
86922	Arachidonic acid	3 vials of Arachidonic acid	3 x 1 mL
86923	ADP	3 vials of ADP	3 x 1 mL
86924	Collagen	3 vials of Collagen	3 x 1 mL
86925	Epinephrin	3 vials of Epinephrin	3 x 1 mL
86926	TRAP 6	3 vials of TRAP 6	3 x 1 mL
00501	Ristocetin <i>Research Product</i>	1 vial of Ristocetin	1 x 5 mL

^{*}Availability depending upon the country

PRIMARY HAEMOSTASIS

Monoclonal Antibodies

Flow Cytometry*

Cat. NR.	Product name	Product description	Pack.
Anti-platelet markers			
01033	CD32, clone 2B2, purif.		0.1 mg
01031	CD36, clone 10.5, purif.		0.1 mg
01030	CD36, clone 10.5, FITC		100 tests
01032	CD36, clone 10.5, PE		100 tests
01025	CD41, clone PL2 49, purif.		0.1 mg
01024	CD41, clone PL2 49, FITC		100 tests
01026	CD41, clone PL2 49, PE		100 tests
01028	CD42b, clone ALMA 19, purif.		0.1 mg
01027	CD42b, clone ALMA 19, FITC		100 tests
01029	CD42b, clone ALMA 19, PE		100 tests
01041	CD61, clone LYP18, purif.		0.1 mg
01040	CD61, clone LYP18, FITC		100 tests
01042	CD61, clone LYP18, PE		100 tests
01017	CD61, clone 4F8, purif.		0.1 mg
01016	CD61, clone 4F8, FITC		100 tests
01022	CD62P, clone LYP20, purif.		0.1 mg
01021	CD62P, clone LYP20, FITC		100 tests
01023	CD62P, clone LYP20, PE		100 tests
01005	Fibrinogen, clone 9F9, FITC		100 tests
01083	GPVI, clone 1G5, purif.		0.1 mg
01084	GPVI, clone 1G5, PE		100 tests
Anti-endothelial cell markers			
01006	CD146, clone COM3D9, purif.		100 tests
01007	CD146, clone COM2F6, purif.		100 tests
01008	CD146, clone COM5G6, purif.		100 tests
01148	CD146, clone COM7A4, purif.		0.1 mg
01010	CD146, clone COM7A4, FITC		100 tests
01009	CD146, clone COM7A4, Biot.		100 tests
01149	CD146, clone S-ENDO 1, purif.		0.1 mg
01013	CD146, clone S ENDO 1, FITC		100 tests
01015	CD146, clone S ENDO 1, PE		100 tests
01012	CD146, clone S ENDO 1, Biot.		100 tests

*Availability depending upon the country

PRIMARY HAEMOSTASIS

Monoclonal Antibodies

Flow Cytometry*

Cat. NR.	Product name	Product description	Pack.
Isotypic negative controls			
01019	Ctl. neg. IgG1 purif. (2DNP2H11)		0.1 mg
01018	Ctl. neg. IgG1 FITC (2DNP2H11)		100 tests
01020	Ctl. neg. IgG1 PE (2DNP2H11)		100 tests
01038	Ctl. neg. IgG2a purif. (2DNP16C12)		0.1 mg
01037	Ctl. neg. IgG2a FITC (2DNP16C12)		100 tests
01039	Ctl. neg. IgG2a PE (2DNP16C12)		100 tests
01035	Ctl. neg. IgG2b purif. (2DNP14G5)		0.1 mg
01034	Ctl. neg. IgG2b FITC (2DNP14G5)		100 tests
01036	Ctl. neg. IgG2b PE (2DNP14G5)		100 tests

*Availability depending upon the country

GLOBAL TESTS

Thrombin Generation

ST Genesis*

The Thrombin Generation assay is a global test able to provide an evaluation of the coagulation potential of a plasma sample. It measures the formation of thrombin during the whole coagulation process, including phase of initiation, propagation and inhibition.

Cat. NR.	Product name	Product description	Pack.
01277	STG-BleedScreen <i>Research Product</i>	3 vials of STG-BleedScreen • 3 vials of STG-RefPlasma BLS • 3 vials of STG-QualiTest Norm BLS • 3 vials of STG-QualiTest Low BLS	3 x 4 x 1 mL
01278	STG-DrugScreen <i>Research Product</i>	3 vials of STG-DrugScreen • 3 vials of STG-RefPlasma DS • 3 vials of STG-QualiTest Norm DS • 3 vials of STG-QualiTest Low DS	3 x 4 x 1 mL
01133	STG-ThromboScreen	3 vials of STG-ThromboScreen -TM • 3 vials of STG-ThromboScreen+TM • 3 vials of STG-RefPlasma TS • 3 vials of STG-QualiTest High TS • 3 vials of STG-QualiTest Norm TS • 3 vials of STG-QualiTest Low TS	3 x 6 x 1 mL
01141	STG-Cal&Fluo	3 vials of STG-ThrombiCal • 3 vials of STG-FluoStart • 3 vials of STG-FluoSet	3 x 2 mL 3 x 1.5 mL 3 x 1.5 mL
01140	STG-ThrombiClean	6 vials of STG-ThrombiClean	6 x 2 mL

*Availability depending upon the country

CALIBRATORS & CONTROLS

Calibration plasmas

Automated & Multipurpose reagents

Cat. NR.	Product name	Product description	Pack.
Automated reagents			
00675	STA-Unicalibrator Calibration plasma for PT (%), fibrinogen, factor assays (II, V, VII, VIII, IX, X, XI, XII), AT, PC, PS, plasminogen, antiplasmin (activity)	6 vials of STA-Unicalibrator	6 x 1 mL
00520	STA-VWF:Ag Calibrator Calibration plasma for assay of von Willebrand factor by immuno turbidimetric method	6 vials of STA-VWF:Ag Calibrator	6 x 1 mL
00544	STA-FM Calibrator Calibration plasmas for assay of fibrin monomers by immuno turbidimetric method (STA-Liatest FM)	2 vials of STA-FM Calibrator 1 • 2 vials of STA-FM Calibrator 2 • 2 vials of STA-FM Calibrator 3 • 2 vials of STA-FM Calibrator 4 • 2 vials of STA-FM Calibrator 5	2 x 5 x 1 mL
00655	STA-FDP Calibrator Calibration plasmas for assay of fibrin and fibrinogen degradation products by immuno-turbidimetric method (STA-Liatest FDP)	2 vials of STA-FDP Calibrator 1 • 2 vials of STA-FDP Calibrator 2 • 2 vials of STA-FDP Calibrator 3 • 2 vials of STA-FDP Calibrator 4 • 2 vials of STA-FDP Calibrator 5	2 x 5 x 1 mL
00684	STA-Hepanorm H Calibration plasmas for UFH assays using anti-Xa method (STA-Staclot Heparin/Stachrom Heparin)	4 vials of STA-Hepanorm H 0 • 4 vials of STA-Hepanorm H 3 • 4 vials of STA-Hepanorm H 6	4 x 3 x 1 mL
00681	STA-Hepanorm HBPM/LMWH Calibration plasmas for LMWH assays using anti-Xa method (STA-Staclot Heparin/Stachrom Heparin)	4 vials of STA-Hepanorm HBPM/LMWH 0 • 4 vials of STA-Hepanorm HBPM/LMWH 4 • 4 vials of STA-Hepanorm HBPM/LMWH 9	4 x 3 x 1 mL
00348	STA-Multi Hep Calibrator Calibration plasmas for heparin assays (UFH and LMWH) using anti-Xa method (STA-Liquid Anti-Xa)	4 vials of STA-Multi Hep Calibrator 0 • 4 vials of STA-Multi Hep Calibrator 4 • 4 vials of STA-Multi Hep Calibrator 7 • 4 vials of STA-Multi Hep Calibrator 10 • 4 vials of STA-Multi Hep Calibrator 18	4 x 5 x 1 mL
00354	STA-Fondaparinux Calibrator Calibration plasmas for fondaparinux (Arixtra) assay using anti-Xa method (STA-Liquid Anti-Xa)	2 vials of STA-Fondaparinux Calibrator 0 • 2 vials of STA-Fondaparinux Calibrator 9 • 2 vials of STA-Fondaparinux Calibrator 18	2 x 3 x 1 mL
00704	STA-Rivaroxaban Calibrator Calibration plasmas for rivaroxaban (Xarelto) assay using anti-Xa method (STA-Liquid Anti-Xa)	3 vials of STA-Rivaroxaban 0 • 3 vials of STA-Rivaroxaban 1 • 3 vials of STA-Rivaroxaban 2 • 3 vials of STA-Rivaroxaban 3	3 x 4 x 1 mL
01075	STA-Apixaban Calibrator Calibration plasmas for apixaban (Eliquis) assay using anti-Xa method (STA-Liquid Anti-Xa)	3 vials of STA-Apixaban Calibrator 0 • 3 vials of STA-Apixaban Calibrator 1 • 3 vials of STA-Apixaban Calibrator 2 • 3 vials of STA-Apixaban Calibrator 3	3 x 4 x 1 mL
01073	STA-Edoxaban Calibrator Calibration plasmas for edoxaban (Lixiana, Savaysa) assay using anti-Xa method (STA-Liquid Anti-Xa)	3 vials of STA-Edoxaban Calibrator 0 • 3 vials of STA-Edoxaban Calibrator 1 • 3 vials of STA-Edoxaban Calibrator 2 • 3 vials of STA-Edoxaban Calibrator 3	3 x 4 x 1 mL
00993	STA-Dabigatran Calibrator Calibration plasmas for dabigatran (Pradaxa) assay using ecarin chromogenic method (STA-ECA II)	3 vials of STA-Dabigatran Calibrator 0 • 3 vials of STA-Dabigatran Calibrator 1 • 3 vials of STA-Dabigatran Calibrator 2 • 3 vials of STA-Dabigatran Calibrator 3 • 3 vials of STA-Dabigatran Calibrator 4	2 x 5 x 1 mL
Multipurpose reagents			
00625	Unicalibrator Calibration plasma for PT (%), fibrinogen, factor assays (II, V, VII, VIII, IX, X, XI, XII), AT (antigen), PC, PS (activity)	6 vials of Unicalibrator	6 x 1 mL
00496	Etaloquick Calibration plasmas for the determination of PT (%), INR)	4 vials of Etaloquick 1 • 4 vials of Etaloquick 2 • 4 vials of Etaloquick 3	4 x 3 x 0.5 mL

CALIBRATORS & CONTROLS

Control plasmas

Automated reagents

Cat. NR.	Product name	Product description	Pack.
Automated reagents			
00554	STA-Routine QC 2 mL Normal and abnormal control plasmas for PT/INR, Owren's PT, APTT, fibrinogen, TT (N) and AT (activity) (stable 24h)	12 vials of STA-Routine QC 2 mL N • 12 vials of STA-Routine QC 2 mL P	12 x 2 x 2 mL
00714	STA-Routine QC P Plus Abnormal control plasma for PT, APTT, fibrinogen, TT (N) and AT (activity)	24 vials of STA-Routine QC P Plus	24 x 2 mL
00679	STA-Coag Control N+P Normal and abnormal control plasmas for PT, APTT, fibrinogen, TT (N) and AT (activity)	12 vials of STA-Coag Control N • 12 vials of STA-Coag Control P	12 x 2 x 1 mL
00678	STA-System Control N+P Normal and abnormal control plasmas for PT, APTT, fibrinogen, TT (N), reptilase time (N), factor assays (II, V, VII, VIII, IX, X, XI, XII), AT, PC, PS, plasminogen, antiplasmin (activity)	12 vials of STA-System Control N • 12 vials of STA-System Control P	12 x 2 x 1 mL
00526	STA-Liatest Control N+P Normal and abnormal control plasmas for assays of VWF, free Protein S and D-Dimer by immuno turbidimetric method	12 vials of STA-Liatest Control N • 12 vials of STA-Liatest Control P	12 x 2 x 1 mL
00868*	STA-D-Di Control Assayed liquid controls for D-Dimer tests by immuno-turbidimetric method (STA-Liatest D-Di, STA-Liatest D-Di Plus) <i>Liquid reagent</i>	6 x 2 vials of STA-D-Di Control 1 • 6 x 2 vials of STA-D-Di Control 2	6 x 2 x 2 mL
00654	STA-FDP Control Control plasmas for assay of fibrin and fibrinogen degradation products by immuno turbidimetric method (STA-Liatest FDP)	6 vials of STA-FDP Control 1 • 6 vials of STA-FDP Control 2	6 x 2 x 1.5 mL
00545	STA-FM Control Control plasmas for assay of fibrin monomers by immuno turbidimetric method (STA-Liatest FM)	6 vials of STA-FM Control 1 • 6 vials of STA-FM Control 2	6 x 2 x 1 mL
00201	STA-Control LA 1+2 Control plasmas for LA tests	3 vials of STA-Control LA 1 • 3 vials of STA-Control LA 2	3 x 2 x 1 mL
00682	STA-HBPM/LMWH Control Control plasmas for LMWH assays using anti-Xa method (STA-Staclot Heparin/Stachrom Heparin)	6 vials of STA-Quality HBPM/LMWH Control 3 • 6 vials of STA-Quality HBPM/LMWH Control 8	6 x 2 x 1 mL
00683	STA-Heparin Control Control plasmas for UFH assays using anti-Xa method (STA-Staclot Heparin /Stachrom Heparin)	6 vials of STA-Heparin Control 2 • 6 vials of STA-Heparin Control 5	6 x 2 x 1 mL
00381	STA-Quality HNF/UFH Control plasmas for UFH assay using anti-Xa method (STA-Liquid Anti-Xa)	6 vials of STA-Quality HNF/UFH 2 • 6 vials of STA-Quality HNF/UFH 7	6 x 2 x 1 mL
00686	STA-Quality HBPM/LMWH Control plasmas for LMWH assay using anti-Xa method (STA-Liquid anti-Xa)	6 vials of STA-Quality HBPM/LMWH 8 • 6 vials of STA-Quality HBPM/LMWH 14	6 x 2 x 1 mL
00355	STA-Fondaparinux Control Control plasmas for Fondaparinux (Arixtra) Assay using anti-Xa method (STA-Liquid Anti-Xa)	3 vials of STA-Fondaparinux Control 5 • 3 vials of STA-Fondaparinux Control 14	3 x 2 x 1 mL
00706	STA-Rivaroxaban Control Control plasmas for Rivaroxaban (Xarelto) assay using anti-Xa method (STA-Liquid Anti-Xa)	3 vials of STA-Rivaroxaban Control 1 • 3 vials of STA-Rivaroxaban Control 2	3 x 2 x 1 mL
01074	STA-Apixaban Control Control plasmas for apixaban (Eliquis) assay using anti-Xa method (STA-Liquid Anti-Xa)	3 vials of STA-Apixaban Control 1 • 3 vials of STA-Apixaban Control 2	3 x 2 x 1 mL
01072	STA-Edoxaban Control Control plasmas for edoxaban (Lixiana, Savaysa) assay using anti-Xa method (STA-Liquid Anti-Xa)	3 vials of STA-Edoxaban Control 1 • 3 vials of STA-Edoxaban Control 2	3 x 2 x 1 mL
00994	STA-Dabigatran Control Control plasmas for dabigatran (Pradaxa) assay using ecarin chromogenic method (STA-ECA II)	3 vials of STA-Dabigatran Control 1 • 3 vials of STA-Dabigatran Control 2	3 x 2 x 1 mL

*Availability depending upon the country

CALIBRATORS & CONTROLS

Control plasmas

Multipurpose reagents

Cat. NR.	Product name	Product description	Pack.
Multipurpose reagents			
00621	Coag-Control N+P Normal and abnormal control plasmas for PT, APTT, fibrinogen, TT (N)	12 vials of Coag-Control N • 12 vials of Coag-Control P	12 x 2 x 1 mL
00617	System Control N+P Normal and abnormal control plasmas for PT, APTT fibrinogen, TT (N), reptilase time (N), factor assays (II, V, VII, VIII, IX, X, XI, XII), AT (antigen), PC/PS (activity)	12 vials of System Control N • 12 vials of System Control P	12 x 2 x 1 mL
00867	D-Di Negative Plasma Normal plasma for use with D-Dimer tests by immuno-turbidimetric method	6 vials of D-Di Negative Plasma	6 x 1 mL

CALIBRATORS & CONTROLS

Correlation Plasma sets

ExpertCor

NEW

Increasing accreditation requirements are a challenge for all laboratories. Stago is committed to helping our customers manage these constraints and are proud to launch ExpertCor, a range of frozen plasmas which can be used alone or in conjunction with the STA-Coag Expert for method correlation activities to ensure assay comparability (e.g. as a part of method validation, lot to lot conversion or system to system comparisons).

The ExpertCor range can be used by all laboratories, regardless of reagents or instrumentation used:

- The ExpertCor Routine plasma set includes 35 vials containing human plasma. 30 vials represent plasmas with different PT, APTT and fibrinogen values across normal and pathological ranges. The additional five vials contain plasmas with different INR values spanning the therapeutic ranges INR 1.0 – 5.0
- The ExpertCor D-Dimer plasma set includes 20 vials containing human plasma. The 20 vials represent plasmas with different D-dimer values across normal and pathological ranges.
- The ExpertCor UFH (Unfractionated Heparin) plasma set includes 10 vials containing human plasma. The 10 vials represent plasmas with different Heparin values spanning subtherapeutic, therapeutic and supratherapeutic ranges.
- The ExpertCor LMWH (Low Molecular Weight Heparin) plasma set includes 10 vials containing human plasma. The 10 vials represent plasmas with different Heparin values spanning subtherapeutic, therapeutic and supratherapeutic ranges.

Cat. NR.	Product name	Product description	Pack.
01306	ExpertCor Routine <i>Research Product</i>	30 vials for PT, APTT and fibrinogen • 5 vials for INR	35 x 1.5 mL
01307	ExpertCor DDI <i>Research Product</i>	20 vials	20 x 1 mL
01308	ExpertCor UFH <i>Research Product</i>	10 vials	10 x 1 mL
01309	ExpertCor LMWH <i>Research Product</i>	10 vials	10 x 1 mL

CALIBRATORS & CONTROLS

External Quality Control Program

My Qualiris QC

External Quality Control program open to every automated and semi-automated coagulation analysers.

For further information, please consult Stago or one of its official distributor.

Cat. NR.	Product name	Product description	Pack.
01044	Qualiris QC Premium S1 Unassayed plasmas for external quality assessment of PT, APTT, Fibrinogen, TT, Reptilase Time, Endogenous Factors*, Exogenous Factors*, Factor XIII*, VWF*, AT*, PC*, PS*, Antiplasmin*, Plasminogen*	12 vials of plasma - Semester 1	12 x 1 mL
01045	Qualiris QC Premium S2 Unassayed plasmas for external quality assessment of PT, APTT, Fibrinogen, TT, Reptilase Time, Endogenous Factors*, Exogenous Factors*, Factor XIII*, VWF*, AT*, PC*, PS*, Antiplasmin*, Plasminogen*	12 vials of plasma - Semester 2	12 x 1 mL
01046**	Qualiris QC Experience Unassayed plasmas for external quality assessment of PT, APTT, Fibrinogen, TT, Reptilase Time, Endogenous Factors*, Exogenous Factors*, Factor XIII*, VWF*, AT*, PC*, PS*, Antiplasmin*, Plasminogen*	6 vials of plasma - Full year	6 x 1 mL
01049	Qualiris QC D-Dimer Unassayed plasmas for external quality of D-Dimer	6 vials of plasma - Full year	6 x 1 mL
01048	Qualiris QC Heparin HNF/UFH Unassayed plasmas for external quality of UFH	6 vials of plasma - Full year	6 x 1 mL
01047	Qualiris QC Heparin HBPM/LMWH Unassayed plasmas for external quality assessment of LMWH	6 vials of plasma - Full year	6 x 1 mL
01063	Qualiris QC Lupus Anticoagulant Unassayed plasmas for external quality assessment of Lupus Anticoagulant	6 vials of plasma - Full year	6 x 1 mL
01050	Qualiris Diagnostic Challenge Unassayed plasmas with 3 associated clinical case studies	6 vials of plasma - Full year	2 x 3 x 1 mL
01188	Qualiris QC FM-FDP Unassayed plasmas for external quality assessment of FM-FDP	6 vials of plasma - Full year	2 x 3 x 1 mL
01272	Qualiris QC DOAC Anti-Xa Unassayed plasmas for external quality assessment of DOAC Anti-Xa (rivaroxaban, apixaban & edoxaban)	9 vials of plasma - Full year	3 x 3 x 3 mL
01187	Qualiris QC Dabigatran Unassayed plasmas for external quality assessment of Dabigatran	4 vials of plasma - Full year	2 x 2 x 1 mL
85093	Qualiris QC Premium Factors Monthly external quality assessment for factors II, V, VII, VIII, IX, X, XI, XII, XIII, VWF	Factor Option, utilise the Qualiris QC - Premium vials of plasma	N/A
85094	Qualiris QC Premium Thrombophilia Monthly external quality assessment of Antithrombin, Protein C, Protein S, Plasminogen and Antiplasmin	Thrombophilia Option, utilise the Qualiris QC - Premium vials of plasma	N/A

*Option available depending on the program subscription

**Availability depending upon the country

OTHER REAGENTS

Auxiliary Reagents

Solutions & Test Cards

Cat. NR.	Product name	Product description	Pack.
Solutions			
00975	STA-Desorb U	24 vials of STA-Desorb U	24 x 15 mL
00973	STA-Cleaner Solution	6 vials of STA-Cleaner Solution	6 x 2.5 L
00367	STA-CaCl ₂ 0.025 M	24 vials of STA-CaCl ₂ 0.025 M	24 x 15 mL
00360	STA-Owren Koller	24 vials of STA-Owren Koller • Buffer • pH 7.35	24 x 15 mL
00279	PEG 25%	6 vials of PEG 25%	6 x 2.5 mL
00555*	Asserachrom Washing Solution	2 vials of washing solution for Asserachrom	2 x 50 mL
Test Cards			
00550	For D-Di Test kit	10 test cards	1 x 10
00548	For F.S. Test and FDP Plasma kits	10 test cards	1 x 10



Research Products

This catalogue contains information on product which is targeted to a wide range of audiences and could contain product details or information concerning goods which are not accessible or valid in your country.

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Research kits

Cat. NR.	Product name	Product description	Pack.
Immuno turbidimetric methods			
00581	Liatest C4b-BP Quantitative determination of C4b-BP by immuno- turbidimetric method <i>Research Product</i>	6 vials of latex • 6 vials of buffer	6 x 1 mL
Flow Cytometry			
00452	Platelet PAIg Kit for Platelet Associated Immunoglobulin quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of calibrator • 1 vial of Mab • 1 vial of staining reagent • 1 vial of negative isotypic control • 1 vial of buffer	10 samples
00457	Platelet Calibrator Kit for customised platelet antigen quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of negative isotypic control IgG2b • 1 vial of negative isotypic control IgG1 • 1 vial of calibrator • 1 vial of negative isotypic control IgG2a • 1 vial of staining reagent	50 samples
00418	Platelet GP Screen Kit for customised platelet glycoprotein quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of Mab2 anti-GP Ia • 1 vial of calibrator • 1 vial of Mab2 anti-GP Ib • 1 vial of staining reagent • 1 vial of Mab2 anti-GP IIIa	10 samples
00420	Megamix Beads for cytometer settings in microparticles analysis <i>Research Product</i>	1 vial of beads	50 tests
01077	Megamix-Plus FSC Beads for FSC-optimized cytometer settings in microparticles analysis <i>Research Product</i>	1 vials of beads	50 tests
01078	Megamix-Plus SSC Beads for SSC-optimized cytometer settings in microparticles analysis <i>Research Product</i>	1 vial of beads	50 tests
01001	Cellquant Calibrator Kit for customised leukocyte surface antigen quantitation by flow cytometry <i>Research Product</i>	1 vial of diluent • 1 vial of calibration beads • 1 vial of staining reagent • 1 vial of neutralisation solution	12 samples
01169	Mp-Count Beads Absolute counting microparticles by flow cytometry on PPP or purified microparticles <i>Research Product</i>	1 vial of 3 mL	100 tests

RESEARCH PRODUCTS

Purified proteins

Cat. NR.	Product name	Pack.
00461	Purified VWF	1 vial
00519	Purified Fibrinogen	1 vial
00557	Purified Prothrombin	1 vial
00896	Purified Thrombin (Human)	1 vial
00462	Purified Factor X	1 vial
00912	Purified Factor Xa	1 vial
00888	Purified AT III	1 vial
00463	Purified Heparin Cofactor II	1 vial
00828	Purified APC	1 vial
00392	Purified β 2 GlycoProtein I	1 vial
00964	Purified Bovine Thrombin	1 vial

RESEARCH PRODUCTS

Chromogenic substrates & Activators

Cat. NR.	Product name	Product description	Pack.
Chromogenic substrates			
00811	CBS 31.39 (Factor Xa)	Availability: 3 months maximum	1 vial
00873	CBS 34.47 (Thrombin)	Availability: 3 months maximum	1 vial
Activators			
00823	Ecarin	Availability: 3 months maximum	1 vial
00830	r-Hirudin	Availability: 3 months maximum	1 vial
00361	R.V.V.	Availability: 3 months maximum	1 vial
00501	Ristocetin	Availability: 3 months maximum	1 vial

Monoclonal Antibodies for Flow Cytometry

Cat. NR.	Product name	Pack.
Anti-platelet markers		
01033	CD32, clone 2B2, purif.	0.1 mg
01031	CD36, clone 10.5, purif.	0.1 mg
01030	CD36, clone 10.5, FITC	100 tests
01032	CD36, clone 10.5, PE	100 tests
01025	CD41, clone PL2 49, purif.	0.1 mg
01024	CD41, clone PL2 49, FITC	100 tests
01026	CD41, clone PL2 49, PE	100 tests
01028	CD42b, clone ALMA 19, purif.	0.1 mg
01027	CD42b, clone ALMA 19, FITC	100 tests
01029	CD42b, clone ALMA 19, PE	100 tests
01041	CD61, clone LYP18, purif.	0.1 mg
01040	CD61, clone LYP18, FITC	100 tests
01042	CD61, clone LYP18, PE	100 tests
01017	CD61, clone 4F8, purif.	0.1 mg
01016	CD61, clone 4F8, FITC	100 tests
01022	CD62P, clone LYP20, purif.	0.1 mg
01021	CD62P, clone LYP20, FITC	100 tests
01023	CD62P, clone LYP20, PE	100 tests
01005	Fibrinogen, clone 9F9, FITC	100 tests
01083	GPVI, clone 1G5, purif.	0.1 mg
01084	GPVI, clone 1G5, PE	100 tests
Anti-endothelial cell markers		
01006	CD146, clone COM3D9, purif.	100 tests
01007	CD146, clone COM2F6, purif.	100 tests
01008	CD146, clone COM5G6, purif.	100 tests
01148	CD146, clone COM7A4, purif.	100 tests
01010	CD146, clone COM7A4, FITC	100 tests
01009	CD146, clone COM7A4, Biot.	100 tests
01149	CD146, clone S-ENDO 1, purif.	100 tests
01013	CD146, clone S-ENDO 1, FITC	100 tests
01015	CD146, clone S-ENDO 1, PE	100 tests
01012	CD146, clone S-ENDO 1, Biot.	100 tests
Isotypic Negative Controls		
01019	Ctl. neg. IgG1 purif. (2DNP2H11)	0.1 mg
01018	Ctl. neg. IgG1 FITC (2DNP2H11)	100 tests
01020	Ctl. neg. IgG1 PE (2DNP2H11)	100 tests
01038	Ctl. neg. IgG2a purif. (2DNP16C12)	0.1 mg
01037	Ctl. neg. IgG2a FITC (2DNP16C12)	100 tests
01039	Ctl. neg. IgG2a PE (2DNP16C12)	100 tests
01035	Ctl. neg. IgG2b purif. (2DNP14G5)	0.1 mg
01034	Ctl. neg. IgG2b FITC (2DNP14G5)	100 tests
01036	Ctl. neg. IgG2b PE (2DNP14G5)	100 tests

RESEARCH PRODUCTS

Thrombin Generation (CAT)

Cat. NR.	Product name	Product description	Pack.
86192	Thrombin Calibrator	20 vials	20 x 1 mL
86196	PRP Reagent	20 vials	20 x 1 mL
86222	MP Reagent	20 vials	20 x 1 mL
86193	PPP Reagent	20 vials	20 x 1 mL
86194	PPP Reagent Low	20 vials	20 x 1 mL
86195	PPP Reagent High	20 vials	20 x 1 mL
86197	FluCa kit	20 vials of Fluo buffer • 1 vial of Fluo substrate	20 x 1.6 mL 20 x 0.8 mL

RESEARCH PRODUCTS

Thrombin Generation (ST Genesis)

Cat. NR.	Product name	Product description	Pack.
01277	STG-Bleedscreen	3 vials of STG-Bleedscreen • 3 vials of STG-RefPlasma BLS • 3 vials of STG-Qualitest Norm BLS • 3 vials of STG-Qualitest Low BLS	3 x 4 x 1 mL
01279	STG-Thromboscreen	3 vials of STG-ThromboScreen -TM • 3 vials of STG-ThromboScreen+TM • 3 vials of STG-Refplasma TS • 3 vials of STG-Qualitest High TS • 3 vials of STG-Qualitest Norm TS • 3 vials of STG-Qualitest Low TS	3 x 6 x 1 mL
01278	STG-Drugscreen	3 vials of STG-Drugscreen • 3 vials of STG-RefPlasma DS • 3 vials of STG-Qualitest Norm DS • 3 vials of STG-Qualitest Low DS	3 x 4 x 1 mL
01281	STG-Cal&Fluo	3 vials of STG-ThrombiCal • 3 vials of STG-FluoStart • 3 vials of STG-FluoSet	3 x 2 mL 3 x 1.5 mL 3 x 1.5 mL
01280	STG-Thrombiclean	6 vials of STG-ThrombiClean	6 x 2 mL

RESEARCH PRODUCTS

ExpertCor

NEW

Cat. NR.	Product name	Product description	Pack.
Correlation Plasma sets			
01306	ExpertCor Routine	30 vials for PT, APTT and fibrinogen • 5 vials for INR	35 x 1.5 mL
01307	ExpertCor DDI	20 vials	20 x 1 mL
01308	ExpertCor UFH	10 vials	10 x 1 mL
01309	ExpertCor LMWH	10 vials	10 x 1 mL

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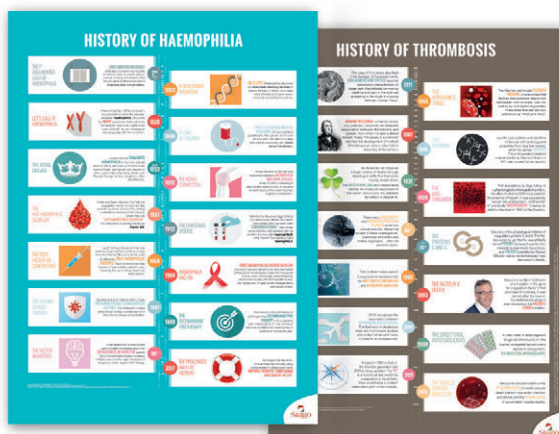
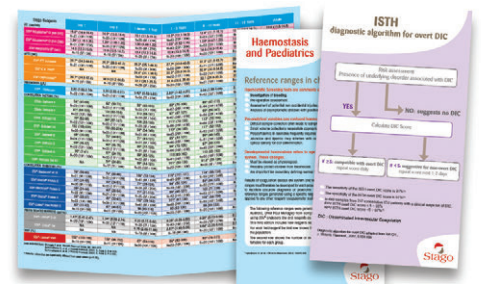
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At the Heart of Haemostasis

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