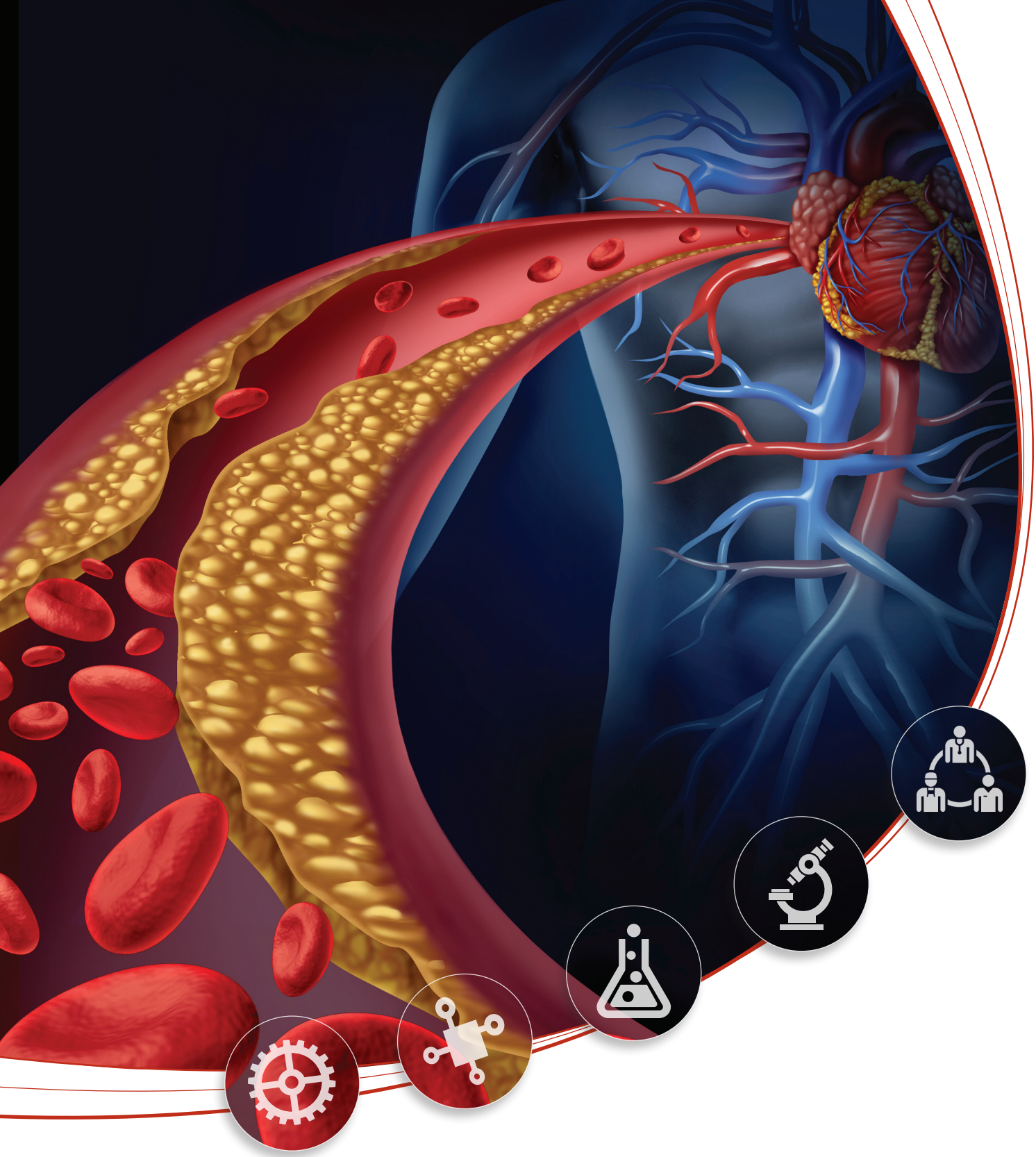

2019

Hemostasis

Catalogue

Stago

Educational tools

Digital

Webinars

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

- 4 times a year since 2014
- Contributions by world-renowned experts

Sign up to be notified of each "live" webinar and to gain access to the previous "on-demand" sessions.
www.stagowebinars.com

Webinars
Available on Stagowebinars.com

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iHemostasis (for tablet only)

A global education 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 Hemostasis 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 Hemostasis and fibrin formation & fibrinolysis.
- **Clinical cases:** interactive game based on clinical cases with questions & answers as well as discussion of the proposed answers, followed by an 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 Hemostasis and Thrombosis including pediatric and pregnancy reference ranges in a concise format.

iHemostasis
App Store
Google play
For tablets only

Educational tools

Digital

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 diagnostic algorithms** in the field of Thrombosis and Hemostasis.
- **32 scores and algorithms related to**: DVT & PE, pregnancy, atrial fibrillation, bleeding, anticoagulant therapy and other thombotic 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.

Haemoscore
App Store
Google play
Tablet & smartphone

- 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.

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

Educational tools

Digital

Stago EdVantage

Hemostasis is Considered One of the Most Complex Disciplines in Laboratory Medicine

- Stago EdVantage's Virtual University utilizes on-demand webinars to explore hemostasis concepts, providing educational opportunities suitable for individuals at all levels of experience.
- Industry Key Opinion Leaders & Stago experts deliver up to date information on cutting edge research literature and today's best practices.
- Maintain accreditation in a cost effective and timely manner with Stago EdVantage's Virtual University, allowing you to participate in educational programs more frequently.

Hemostasis Education at your Fingertips

- Comprehensive online Presentation Hall.
- Robust Resource Center complete with literature and product information for downloading or sharing with coworkers and friends using the networking and chat features.
- Interactive Exhibit Hall allows you to explore and discover product information and educational resources.
- Continuing education certificate receipt upon completion of courses.

How to Take Advantage of the Stago EdVantage Virtual University

- Simply visit www.stago-edvantage.com and log in or register if you are a new user.
- Once logged in, click "Go To Event" then start to explore each room within Stago's Virtual University.
- Visit frequently to stay up to date on the newest content and breaking news. Don't worry, we'll send you an email so you don't miss out on anything!

Exhibit Hall

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Systems

STA R Max®

The STA R MAX® is the perfect hemostasis analyzer for high-volume and reference laboratories performing routine and specialty assays. The STA R Max answers the needs of today's laboratories to do more with less and equips laboratories with an easy to use system that ensures efficient, reliable results. With 215 sample positions and 70 reagent positions, the largest sample capacity in the industry and true STAT sample priority, the STA R Max enables even the highest-volume laboratories to easily manage their workloads with minimal operator intervention. Integrated STA Coag Expert® software automates laboratory processes such as, full auto-verification, repeat/reflex testing, comprehensive QC, accreditation tools, maintenance logs, TAT monitoring and maintains 5 years of patient archives onboard to ensure standardization and efficiency for routine tests as well as complex specialty assays. In addition, the STA-R family of analyzers is the industry leader for total laboratory automation (TLA) connectivity and throughput. The STA R Max is available with an optional cap-piercing system to reduce bio-hazard exposure risks.

DISPOSABLES & ACCESSORIES

p. 14, 15

SUPPLIED WITH:

- STA Coag Expert®
- Accessory pack
- 22" LCD touch screen
- Uninterrupted power management (UPM) system
- Computer table
- Brother printer
- Mouse pad
- 1 year warranty

CHARACTERISTICS

- Viscosity-Based (mechanical) Detection System consistently delivers accurate results
  - exclusive technology standardized on all Stago systems
  - insensitive to interferences from hemolyzed, icteric and lipemic samples
  - maximum precision for weak clot detection
- Highest loading capacity: 215 samples, 70 reagents, 1,000 cuvettes onboard
- True STAT management without any impact on the instrument throughput
- Positive sample and reagent identification
- Autoverification capabilities
- 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
- Optimized and reduced user maintenance
- Intuitive and standardized user interface within the Max Generation
- Coag Expert rules available upon request
- Extended traceability meeting quality requirements
- Operator safety and security with a new cap piercing 4th generation (optional)
- Most common tube sizes accepted with automatic barcode positioning
- Automation ready, no modification required
- Comprehensive test menu and pre-calibration feature for all routine assays

TEST MENU:

- PT
- APTT
- Fibrinogen
- Thrombin Time
- Extrinsic pathway factors
- Intrinsic pathway factors
- Factor VIII, chromogenic method
- Factor XIII antigen
- Anti-Xa (UFH, LMWH, Rivaroxaban*, Apixaban*, Edoxaban*)
- Ecarin Chromogenic Assay (Dabigatran)*
- D-Dimers and Fibrin Monomers*
- Antithrombin Activity
- Protein C Activity
- Protein S Activity
- Free & Total Protein S Antigen
- Lupus Anticoagulants
- VWF Antigen
- Microparticles*
- Plasminogen, Antiplasmin and TAFI*
- Calibrators
- Quality controls

* Research Use Only; not for use in diagnostic procedures

TO ORDER:

59026 > STA R MAX®
59010 > STA R MAX® Cap Piercing

STA Compact Max®

The STA Compact Max® is a fully automated benchtop analyzer built on the most reliable platform in the industry. With an expansive test menu, the Compact Max is a robust, high-efficiency analyzer with enhanced throughput making it the perfect system offering for mid-sized laboratories. The system's unique method of sample management offers moderate throughput and rapid processing of STAT samples with no impact to the instrument's time to result. With 96 sample positions and 45 reagent positions, the Compact Max easily can easily handle its workload with minimal intervention from the operator.

Integrated STA Coag Expert® software provides full auto-verification, repeat/reflex testing, a comprehensive QC package, accreditation tools, automated maintenance logs, TAT monitoring and maintains 5 years of patient archives onboard. The Compact Max is available with an optional cap-piercing system to reduce bio-hazard exposure risks.

DISPOSABLES & ACCESSORIES

p. 16, 17

SUPPLIED WITH:

- 1 accessory pack
- 1- 22'' LCD screen
- STA Coag Expert®
- Uninterrupted power management (UPM) system
- Max Generation mouse pad
- 1-year warranty
- Brother printer *(optional)*

CHARACTERISTICS

- Viscosity-Based (mechanical) Detection System consistently delivers accurate results
  - exclusive technology standardized on all Stago systems
  - insensitive to interferences from hemolyzed, icteric and lipemic samples
  - maximum precision for weak clot detection
- Highest onboard loading capacity: 96 samples, 45 reagents, 1,000 cuvettes onboard provide true walkaway capability
- True STAT management prioritizes patient samples to ensure faster turnaround time with no impact on throughput
- Positive sample and reagent identifications
- Extended traceability enhances regulatory compliance
- Autoverification capabilities streamlines result reporting and minimizes operator intervention
- Automatic management of dilutions, reruns, reflex testing and add-ons
- Continuous operation provides 24/7 availability with no restart time required
- Intuitive graphical user interface ensures seamless integration and ease-of-use for laboratory staff
- Coag Expert rules simplifies complex testing with built in expertise
- Extended traceability enhances regulatory compliance
- Operator safety and security optional cap piercing version
- Extensive test menu with unique pre-calibration feature for all routine tests, fully automatic barcoded reagent management and proper onboard stability

TEST MENU:

- PT
- APTT
- Fibrinogen
- Thrombin Time
- Extrinsic pathway factors
- Intrinsic pathway factors
- Factor VIII, chromogenic method
- Factor XIII antigen
- Anti-Xa (UFH, LMWH, Rivaroxaban*, Apixaban*, Edoxaban*)
- Ecarin Chromogenic Assay (Dabigatran)*
- D-Dimers and Fibrin Monomers*
- Antithrombin Activity
- Protein C Activity
- Protein S Activity
- Free & Total Protein S Antigen
- Lupus Anticoagulants
- VWF Antigen
- Microparticles*
- Plasminogen, Antiplasmin and TAFI*
- Calibrators
- Quality controls

* Research Use Only; not for use in diagnostic procedures

TO ORDER:

58990 > STA Compact Max®
58989 > STA Compact Max® Cap Piercing

STA Satellite® USB System

The STA Satellite® is a fully automated benchtop analyzer capable of simultaneously performing clotting, chromogenic, and immunologic assays. The STA Satellite offers complete automation to the low volume coagulation laboratory and satellite labs, delivering a powerful, reliable analyzer within a small footprint. The system enables Integrated Health Networks to standardize patient testing results including D-dimer and Anti-Xa. With an Integrated Barcode Reader, continuous sample loading with positive sample identification, removable sample carousel for 20 primary tubes, and a removable reagent carousel with 16 positions, the Satellite provides the only true walkaway hemostasis solution for low-volume and satellite laboratories.

DISPOSABLES & ACCESSORIES

p. 18, 19

SUPPLIED WITH:

- IMP Box (USB)
- 1 accessory pack
- 1-year warranty
- Brother printer *(optional)*
- Uninterrupted power management (UPM) system

CHARACTERISTICS

- Viscosity-Based (mechanical) Detection System consistently delivers accurate results
  - exclusive technology standardized on all Stago systems
  - insensitive to interferences from hemolyzed, icteric and lipemic samples
  - maximum precision for weak clot detection
- Innovative double resolution pipetting system delivers a maintenance free needle that provides industry leading precision
- Extended versatility with carousel system
  - Utilize rack system approach for batch preparation or load while onboard
  - Store carousels in refrigerator to further extend onboard stability
  - Enable positive sample identification of samples and reagents while onboard
- Positive identification of samples and reagents
- Extended traceability: complete management of barcoded reagents with exclusive pre-calibration feature for all routine tests decreasing labor demands and ensuring result standardization across STA® line of instruments
- Minimal user maintenance and intervention required allowing for more time to focus on results
- Ample onboard loading capacity provides true walkaway capability for low-volume and satellite labs
  - 20 samples onboard
  - 16 cooled reagent positions
  - 220 unitary cuvettes onboard

TEST MENU:

- PT
- APTT
- Fibrinogen
- Liquid Anti-Xa (UFH, LMWH)
- D-Dimer
- Antithrombin Activity
- Calibrators
- Quality controls

TO ORDER:

58104 > STA Satellite®

STart® Hemostasis Analyzer

The STart® is the only comprehensive semi-automated benchtop analyzer that provides true mechanical methodology with Stago's interference free Viscosity-based Detection System (VDS). Ideal for low-volume testing or as a perfect back-up solution for fully automated optical systems requiring an alternative method for difficult samples, the STart is a reliable solution with an extensive test menu for all clotting assays.

DISPOSABLES & ACCESSORIES

p. 20

SUPPLIED WITH:

- Accessory kit
- Cabled pipette
- 1-year warranty

CHARACTERISTICS

- Viscosity-Based (mechanical) Detection System consistently delivers accurate results
  - exclusive technology standardized on all Stago systems
  - insensitive to interferences from hemolyzed, icteric and lipemic samples
  - maximum precision for weak clot detection
- Comprehensive benchtop hemostasis solution
- Most compact and convenient 4-channel coagulation analyzer with
  - Automatic self-test at start-up
  - 4 independent built-in timers for incubation with audible alarm
  - Automatic start of test measurement through a connected pipette
- High quality reagents offer maximum sensitivity and reproducibility for all tests

TEST MENU:

- PT
- APTT
- Fibrinogen
- Thrombin Time
- Reptilase Time
- Extrinsic Factors
- Intrinsic Factors
- Protein C Activity
- Protein S Activity
- Lupus Anticoagulants
- DRVV

TO ORDER:

58230 > STart® Hemostasis Analyzer

NEW!

ST GENESIA

RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES

Breakthrough innovation in Thrombin Generation (TG). ST Genesia is a complete solution to measure thrombin generation in patients' plasma, 100% automated, 100% standardized 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 Genesia 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 standardized results across laboratories.

User friendly and easy to use, ST Genesia is the first walk-away solution to measure thrombin generation to fit any laboratory environment. Its embedded software, with a graphical user interface, provides all the routine features expected by laboratories in terms of calibration, quality controls and data management.

DISPOSABLES & ACCESSORIES
p. 21

SUPPLIED WITH:
• 1 accessory pack

CHARACTERISTICS

- Specific features: 6 TG parameters in absolute and normalized units + ETP inhibition thanks to the addition of thrombomodulin and all parameters calculated automatically
- Assayed reference plasma for results normalization
- 3 QC levels
- Trigger reagents and QC combined for improved standardization
- Precise temperature control at 37°C
- Routine features: calibration and QC management (including Westgard), complete traceability and STA 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
- Optimized 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

TO ORDER:

86938 > ST Genesia

Thrombin Generation: CAT

Research use only; not for use in diagnostic procedures

The CAT method is an in vitro technique measuring the formation of thrombin in a plasma sample during clot formation with all physiological components present. Published applications include analysis of samples from donors with rare platelet defects, primary hemostasis factor defects, factor V Leiden, and lupus anticoagulants.

This semiautomated technique is based on fluorescence, allowing for measurements to take place in the presence or absence of platelets during active clot formation. In parallel with the thrombin generation experiment, a fixed thrombin activity (our patented Thrombin Calibrator) is measured in a second fraction of the same plasma, correcting for any optical or substrate consumption artifacts. The CAT assay is sensitive to any individual anti- or prothrombotic drug or combinations of drugs making the method a valuable tool for development and validation of new anti- or prothrombotic drugs.

DISPOSABLES & ACCESSORIES

p. 21

SUPPLIED WITH:

- 1 Thrombinoscope software
- 1 excitation filter at 390nM
- 1 emission filter at 460nM
- 1 user guide
- 1 USB dongle
- 1 Dell PC

CHARACTERISTICS

- The dedicated software calculates in real time all the relevant parameters including ETP (Endogenous Thrombin Potential), lag time, time to peak, peak height, start tail and velocity index of Thrombin Generation
- Ready to use standardized 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

TO ORDER:

86186 > CAT System

Disposables & Accessories

STA-R® Family
Disposables, Spare Parts & Accessories

CAT. NO.	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 calibration 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 inserts 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 inserts 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 inserts for reagents (from 1 to 2 mL vials) - Improved stability	1 box of 100 STA®-Micro Reduce	1 x 100
27425	White stirring magnet (for STA®-Neoplastine®)	1 each	1
26674	Red stirring magnet (for STA®-C.K. Prest®)	1 each	1
Spare Parts			
39164	Needle 1 for cap piercing	1 each	1
39249	Needle 1	1 each	1
39250	Needle 2	1 each	1
27307	Needle 3	1 each	1
27530	Teflon syringe tip and O-Ring kit	1 each	6
26699	Halogen lamp	1 each	1
27458	Liquid filter	1 each	1
39738	Liquid filter	10 each	1 x 10
27538	Hamilton syringe and o-ring	1 each	1
87063	Suction head (V5)	2 each	1 X 2
38517	Air filter (549 x 157 mm)	1 each	1
39880	5 x 20 T 1A fuse	10 each	1 x 10
26682	5 x 20 T 2A fuse	10 each	1 x 10
26684	5 x 20 T 5A fuse	10 each	1 x 10
26681	5 x 20 T 6.3A fuse	10 each	1 x 10
39863	5 x 20 T 10A fuse	10 each	1 x 10

FIND THE SYSTEM
STA R Max p. 1

STA-R® Family
Disposables, Spare Parts & Accessories

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Spare Parts (cont'd)			
27576	6.3 x 32 T 2A fuse	10 each	1 x 10
27575	6.3 x 32 T 6.25A fuse	10 each	1 x 10
27224	6.3 x 32 T 10A fuse	10 each	1 x 10
26694	6.3 x 32 T 15A fuses	10 each	1 x 10
38125	Optical Module Fan Filter V3	1 each	1
39134	Wheel for tube rotation	1 each	1
80343	Soft stylet kit (10)	10 each	1 x 10
Accessories			
26555	Ball extractor	1 each	1
27543	Microcups adaptor	2 each	1 x 2
27423	Aluminium microcontainer adaptors (microvolume)	2 each	1 x 2
39002	Aluminium microcontainer adaptors (microvolume)	10 each	1 x 10
89318	Screw Microtainer adapter	10 each	1 x 10
39010	Sample tray	2 each	1 X 2
38777	Sample rack holder (for 5 racks)	1 each	1
39772	Sample rack holder (for 5 racks)	10 each	1 x 10
39147	Sample rack (10 racks)	10 each	1 x 10
89043	Pediatric rack+label V2	2 each	1 x 2
Lab Automation - TLA Accessories *The STA R Max® and STA-R Evolution® can be integrated into a lab automation line. To accomplish the connection, a connection kit and/or additional accessory items may be required. A Stago automation consultant is available to answer questions and ensure a smooth transition.*			
80182	Kit TLA Type 2 Roche (STA-R Evolution®)	1 each	1
80950	Kit TLA Ortho Engen (STA-R Evolution®)	1 each	1
88517	Kit TLA Type 1 Universal (STA-R Evolution®)	1 each	1
89075	Ramp and Adjustment (STA R Max® and STA-R Evolution®)	1 each	1
89031	Kit TLA Type 1 Universal (STA R Max®)	1 each	1
89032	Kit TLA Type 1 Ortho Engen (STA R Max®)	1 each	1
89033	Kit TLA Type 2 Roche (STA R Max®)	1 each	1

STA Compact® Family
Disposables, Spare Parts & Accessories

CAT. NO.	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 1,000 STA®-Cuvettes	6 x 1000
00802	**STA®-Microcups** Microtubes in siliconed glass for reagents, control and calibration plasmas	1 box of 100 STA®-Microcups	1 x 100
00741	**STA®-Microcontainers** Plastic cups for samples	1 box of 500 STA®-Microcontainers	1 x 500
00797	**STA®-Mini Reducer** Plastic insert for reagents (from 4 to 6 mL vials) - to improve stability and reduce evaporation	1 box of 100 STA®-Mini Reducer	1 x 100
00801	**STA®-Maxi Reducer** Plastic insert for reagents (from 8 to 15 mL vials) -to improve stability and reduce evaporation	1 box of 100 STA®-Maxi Reducer	1 x 100
27425	**White magnetic stir bar** (for STA®-Neoplastine®)	1 each	1
26674	**Red magnetic stir bar** (for STA®-C.K. Prest®)	1 each	1
26605	**Reduction Ring DIN 14 (1.0 to 10mL)**	1 each	1
26610	**Reagent Vial Reduction Ring DIN 18 (5 to 10mL)**	2 each	1 x 2

FIND THE SYSTEM
STA Compact Max® p. 3

STA Compact® Family
Disposables, Spare Parts & Accessories

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
39022	Needle #1 for cap piercing	1 each	1
38646	Needle #1 non-cap piercing	1 each	1
27354	Needle #2	1 each	1
27307	Needle #3	1 each	1
27530	Teflon syringe tip and O-Ring kit	6 each	6
27458	Liquid filter	1 each	1
39738	Liquid filter	10 each	1 x 10
26699	Halogen lamp	1 each	1
27538	Hamilton syringe	1 each	1
27420	Rear panel air filters	2 each	1 x 2
26538	STA®-Colorimetry box filter (metal frame)	1 each	1
38125	Optical module fan filter	1 each	1
38640	Liquid Cooling Glycol	1 each	Liter
80343	Soft stylet kit (10)	Pack of 10	1 x 10
27037	6.3 x 32 T 4A fuse	Pack of 10	1 x 10
27575	6.3 x 32 T 6.25A fuse	Pack of 10	1 x 10
Accessories			
26555	Magnetic Ball extractor	1 each	1
27543	Reduction ring adapter for microcups	2 each	1 x 2
39002	Sample Microtainers adaptor (microvolume)	2 each	1 x 2
27421	Suction rubber head	2 each	2

STA Satellite®
Disposables & Spare Parts

CAT. NO.	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 Magnetic Stir Bar** (for STA®-Neoplastine®)	1 each	1
00741	**STA®-Microtainer** Plastic cups for samples	1 box of 500 STA®-Microtainer	1 x 500
00802	**STA®-Microcups** Microtubes in siliconed glass for reagents, control and calibration plasmas	1 box of 100 STA®-Microcups	1 x 100
00797	**STA®-Mini Reducer** Plastic inserts for reagents (from 4 to 6 mL vials) to improve stability and reduce evaporation	1 box of 100 STA®-Mini Reducer	1 x 100
00801	**STA®-Maxi Reducer** Plastic inserts for reagents (from 8 to 15 mL vials) to improve stability and reduce evaporation	1 box of 100 STA®-Maxi Reducer	1 x 100
26649	**Thermal Paper** For system integrated printer	1 roll	1
80467	**Disposable Cuvette Bin**	5 each	1 x 5
Disposables Spare Parts			
39356	**Sample Needle**	1 each	1
26681	**5 x 20 T 6.3A Fuses**	Pack of 10	1 x 10
80132	**Air Filter**	3 each	1
27458	**Liquid Filter**	1 each	1

FIND THE SYSTEM
STA Satellite® USB p. 5

STA Satellite® USB Accessories

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
26555	Magnetic ball extractor	1 each	1
88828	Reducer DIN 14	2 each	1 x 2
39968	Microcup adapter	2 each	1 X 2
80057	Microtainer reducer Reducer for microvolume sample	2 each	1 X 2
80091	Reagents carousel n°1 V2	1 each	1
80092	Reagents carousel n°2 V2	1 each	1
80094	Sample carousel n°1	1 each	1
80095	Sample carousel n°2	1 each	1
80956	Satellite IMP Box for added USB functionality	1 each	1
86415	IMP Box USB	1 each	1

STart®
Disposables & Accessories

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Disposables & Accessories			
26405	Magnetic Stir Bars (white triangular)	1 each	1
26441	Ball Vial (1850/vial)	1 each	1
26555	Ball Extractor	1 each	1
26649	Thermal Paper For system integrated printer	1 each	1
26729	5mL Reduction Ring	1 each	1
38876	STart® Cuvettes	Box of 600	4 x 150
39476	Ball Dispenser	1 each	1
80109	Finnpipette	1 each	1
80600	Finn Tips 1.25mL (Finnpipette Only)	Box of 100	1 x 100
80601	Finn Tips 2.5mL (Finnpipette Only)	Box of 100	1 x 100

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ST Genesia - *Research Use Only*

NEW!

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Solution			
00973	STA-Cleaner Solution	6 vials of STA-Cleaner Solution	6 x 2.5 L
Disposables			
86801	STG-Cuvette Waste	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
86939	STG-Cuvettes	12 racks (40 cuvettes each)	12 x 40
Disposable 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

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CAT - *Research Use Only*

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
CAT Disposables			
86175	Immulon 2HB Plate	1 box of 50 microtiter plates	1 x 50
86191	Thrombinoscope Package	Thrombinoscope Software and dongle for running thrombin generation experiments via the Calibrated Automated Thrombogram (CAT) platform. The Thrombinoscope Package can be purchased separately if the user already has a Fluoroskan Ascent FL or Ascent instrument along with a desktop computer with a RS232 serial port connection available	1 software & 1 dongle
Spare Parts			
86177	Halogen Lamp	1 each	1 unit
86185	Complete dispensing tube assembly	1 each	1 unit
86182	Reagent tubing	1 each	1 unit
86176	Dispensing tip	1 each	1 unit

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Reagents

Prothrombin Time

The prothrombin time is a coagulation screening test.

It measures, as a whole, the activity of the coagulation factors II, V, VII, X and fibrinogen.
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
> Decreased vitamin K levels: nutritional intake deficiency, disorders in absorption or metabolism of vitamin K (hemorrhagic disease of the newborn, cholestasis, treatment with antibiotics)
> fibrinolysis
> DIC

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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Automated reagents			
00605	**STA®-Neoplastine® CI 5** Prothrombin Time (PT) (ISI ~ 1.7)	6 vials of STA®-Neoplastine® CI 5 6 vials of solvent	6 x 5 mL
00606	**STA®-Neoplastine® CI Plus 5** Prothrombin Time (PT) (ISI ~ 1.3)	6 vials of STA®-Neoplastine® CI Plus 5 6 vials of solvent	6 x 5 mL
00667	**STA®-Neoplastine® CI Plus 10** Prothrombin Time (PT) (ISI ~ 1.3)	12 vials of STA®-Neoplastine® CI Plus 10 12 vials of solvent	12 x 10 mL

ISI values for PT reagents are approximations. Actual ISI values are assigned for each lot of PT reagent.

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. NO.	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) (liquid reagent)	12 vials of STA®-Cephascreen® 4	12 x 4 mL
00310	**STA®-Cephascreen® 10** Determination of Activated Partial Thromboplastin Time (APTT) (liquid reagent)	12 vials of STA®-Cephascreen® 10	12 x 10 mL

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 DIC, fibrinogenolysis.

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

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Automated reagents			
00674	**STA®-Fibrinogen 5** Quantitative determination of fibrinogen by Clauss method	12 vials of STA®-Fibrinogen 5	12 x 5 mL
Multipurpose reagents			
00613	**Fibri-Prest® Automate 2** Quantitative determination of fibrinogen by Clauss method	12 vials of Fibri-Prest® Automate 2	12 x 2 mL

Thrombin Time

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

Thrombin time should be performed before any another specific assays are attempted when a prolongation of the overall tests (PT, APTT) cannot be explained.

Prolongation of the thrombin time indicates:

- An abnormality of fibrinogen
- The presence of antithrombins

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Automated 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. NO.	REAGENTS	CALIBRATION PLASMAS	QUALITY CONTROLS
Prothrombin Time			
00605	STA®-Neoplastine® CI 5	*N/A*	STA® Coag Control N + Abn Plus - *Cat. No. 00677*
00606	STA®-Neoplastine® CI Plus 5		
00667	STA®-Neoplastine® CI Plus 10		
APTT			
00595	STA®-PTT Automate 5	*N/A*	STA® Coag Control N + Abn Plus - *Cat. No. 00677*
00597	STA®-C.K. Prest® 5		
Fibrinogen			
00674	STA®-Fibrinogen 5	*Pre-calibrated*	STA® Coag Control N + Abn Plus - *Cat. No. 00677*
00613	Fibri-Prest® Automate 2	*Unicalibrator - Cat. No. 00625*	STA® Coag Control N + Abn Plus - Cat. No. 00677
Thrombin			
00611	STA®-Thrombin 2	*N/A*	STA® Coag Control N + Abn Plus - *Cat. No. 00677*
00669	STA®-Thrombin 10		
00614	STA®-Reptilase®		STA®-System Control N+P - *Cat. No. 00678*

Deficient Plasmas

Extrinsic Pathway

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

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
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** Immuno-depleted plasma for factor VII assay	6 vials of STA®-Deficient VII	6 x 1 mL
00738	**STA®-Deficient X** Immuno-depleted plasma for factor X assay	6 vials of STA®-Deficient X	6 x 1 mL

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®-Deficient**) except the factor which is derived from the sample being tested.

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00722	**STA®-Deficient XII** Deficient plasma for factor XII assay	6 vials of STA®-Deficient 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

Other Methods

Asserachrom - Staclot - TriniCHROM

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION		PACK.
Factor VII				
00281	**Staclot® VIIa-rTF** Clotting assay for determination of activated factor VII *Research use only; not for use in diagnostic procedures*	2 vials of deficient plasma VII 2 vials of rsTF-Phospholipides 2 vials of control 1	2 vials of buffer 2 vials of F.VIIa calibrator 2 vials of control 2	2 x 1 mL
00491	**Asserachrom® VIIa-AT** Quantitative determination of factor VIIa-Antithrombin complex by ELISA method *Research use only; not for use in diagnostic procedures*	3 x 2 coated strips 3 vials of anti-AT-peroxidase 3 vials of F.VIIa-AT calibrator 3 vials of AT-peroxidase buffer	3 vials of sample diluent 3 vials of TMB 3 vials of F.VIIa-AT control 1 vial of washing solution	3 x 32 tests
00955	**Asserachrom® VII:Ag** Quantitative determination of factor VII:Ag by ELISA method *Research use only; not for use in diagnostic procedures*	3 x 2 coated strips 3 vials of anti-VII:Ag-peroxidase 3 vials of F. VII calibrator 3 vials of F. VII control	3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests
Factor VIII				
00280	**Asserachrom® VIII:Ag** Quantitative determination of factor VIII:Ag by ELISA method *Research use only; not for use in diagnostic procedures*	3 x 2 coated strips 3 vials of anti-VIII:Ag-peroxidase 3 vials of F.VIII:Ag calibrator 3 vials of F.VIII:Ag control	3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests
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
Factor IX				
00943	**Asserachrom® IX:Ag** Quantitative determination of factor IX:Ag by ELISA method	3 x 2 coated strips 3 vials of anti-IX:Ag-peroxidase 3 vials of F. IX:Ag calibrator 3 vials of F. IX:Ag control	3 vials of TMB 1 vial of dilution buffer 1 vial of washing solution	3 x 32 tests
Factor X				
00956	**Asserachrom® X:Ag** Quantitative determination of factor X:Ag by ELISA method *Research use only; not for use in diagnostic procedures*	3 x 2 coated strips 3 vials of anti-X:Ag-peroxidase 3 vials of F. X calibrator 3 vials of F. X control	3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests
Factor XIII				
KAI-105	**K-Assay® Factor XIII** Quantitative determination for factor XIII Liquid reagent	2 vials of buffer reagent 1 vial of latex		2 x 9.5mL 1 x 6 mL
KAI-106C	**K-Assay® Factor XIII Calibrator** Calibrator Calibration plasma for factor XIII	5 vials of factor XIII calibrator 1 vial of diluent		5 x 1 mL 1 x 40 mL
K135C-10M	**K-Assay® Factor XIII 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

Combination
Reagents-Calibration Plasmas-Quality Controls

CAT. NO.	REAGENTS	CALIBRATION PLASMA	QUALITY CONTROL
Deficient Plasmas			
00745	STA®-Deficient II	STA®-Unicalibrator - *Cat. No. 00675*	STA®-System Control N+P - *Cat. No. 00678*
00744	STA®-Deficient V		
00743	STA®-Deficient VII		
00738	STA®-Deficient X		
00725	STA®-Deficient VIII		
00724	STA®-Deficient IX		
00723	STA®-Deficient XI		
00722	STA®-Deficient XII		
T2608	TriniCHROM Factor VIII :C		
KAI-105	K-Assay Factor XIII	K-Assay Factor XIII Calibrator - *Cat. No. KAI-106C*	K-Assay Factor XIII Control - *Cat. No. K135C-10M*

Fibrin Formation

Fibrin monomers

Depending on the generated quantity and underylying disease state, 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**, etc. DIC is an invasion of the circulation by microthrombii 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 varying degrees. High plasma levels of fibrin monomers are usually observed in DIC.

The International Society on Thrombosis and Hemostasis (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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION		PACK.
Manual assays				
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 tests cards		1 x 10

Degradation products

Degradation Products: D-Dimer

> Disseminated Intravascular Coagulation (DIC)

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

> Thromboses

It is established that a normal D-Dimer level is an important element to rule out deep vein thrombosis (DVT) or pulmonary embolism (PE).

> 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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION		PACK.
00515	**STA®-Liatest® D-Di** Quantitative determination of D-Dimer levels by immuno-turbidimetric method *(Liquid reagent)*	6 vials of latex 6 vials of buffer		6 x 6 mL 6 x 5 mL
Manual assays				
00947	**Asserachrom® D-Di** Quantitative determination of D-Dimer levels by ELISA method	3 x 2 coated strips 3 vials of anti-D-peroxidase 3 vials of D-Di calibrator 3 vials of D-Di control	3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	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 negative control 1 vial of positive control	1 vial of buffer 10 test cards mixing rods	1 x 1.3 mL
00550	**Test cards for D-Di Test kit**	10 test cards		1 x 10

Degradation products

Fibrin & Fibrinogen Degradation Products

The FDP are considered to be useful for **the diagnosis of thrombosis**, such as deep vein thrombosis 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 in Thrombosis and Hemostasis), the JAAM (Japanese Association for Acute Medicine) and the JMHW (Japanese Ministry of Health and Welfare).

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Fibrin & Fibrinogen Degradation Products			
00540	**FDP Plasma** Qualitative and semi-quantitative determination of fibrin and fibrinogen degradation products (FDP) in plasma by latex agglutination	1 vial of latex 1 vial of negative control 1 vial of positive control 1 vial of buffer 10 test cards 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

Combination
Reagents-Calibration Plasmas-Quality Controls

CAT. NO.	REAGENTS	CALIBRATION PLASMAS	QUALITY CONTROLS
Degradation products			
00515	STA®-Liatest® D-Di	*Pre-calibrated*	STA®-Liatest® Control N+P - *Cat. No. 00526*

Fibrinolysis

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 α2-antiplasmin thereby restricting its fibrinogenolytic activity and localizing 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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION		PACK.
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 substrate	4 vials of solvent	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 anti-tPA-peroxidase 3 vials of tPA calibrator 3 vials of tPA control	3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests
T6003	**TriniLIZE PAI-1 Antigen** Quantitative determination of plasminogen activator inhibitor, type 1 (PAI-1) antigen by ELISA method	6 x 2 coated strips 1 vial buffer 1 vial PAI-1 depleted plasma 1 vial PAI-1 standard plasma	1 vial anti-PAI-1-peroxidase 1 vial OPD 1 vial hydrogen peroxide 6 reagent resevoirs	48 tests
T6004	**TriniLIZE PAI-1 Activity** Quantitative determination of active human PAI-1 by bio-immunoassay (BIA) method	12 x 1 coated strips 1 vial buffer 1 vial PAI-1 standard plasma 1 vial PAI-1 standard plasma	1 vial anti-PAI-1-peroxidase 1 vial hydrogen peroxide 1 tablet OPD 6 reagent resevoirs	96 tests

Combination
Reagents-Calibration Plasmas-Quality Controls

CAT. NO.	REAGENTS	CALIBRATION PLASMA	QUALITY CONTROL
00658	STA®-Stachrom® Plasminogen	STA®-Unicalibrator - *Cat. No. 00675*	STA®-System Control N+P - *Cat. No. 00678*
00659	STA®-Stachrom® Antiplasmin		

TriniLIZE Reference Plasmas-Quality Controls-Disposables

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK
T6007	**TriniLIZE tPA/PAI Depleted Plasma** *Research use only; not for use in diagnostic procedures*	Lyophilized human plasma with PAI-1 and tPA removed	5 x 1 mL
T6008	**TriniLIZE PAI Activity Control** *Research use only; not for use in diagnostic procedures*	Lyophilized human plasma with different PAI-1 values	4 x 0.5 mL
T6010	**TriniLIZE Fibrinolysis Reference Plasma** *Research use only; not for use in diagnostic procedures*	Lyophilized human plasma with analyte stabilization using pH reduction	5 x 0.5 mL

Heparins

Anti-Xa chromogenic assays

Heparins (UFH and LMWH) 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

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00311US	**STA®-Liquid Anti-Xa 4** Chromogenic assay for the quantitative determination of unfractionned (UFH) and low molecular weight heparins (LMWH) in plasma by measuring Anti-Xa activity on antithrombin in a competitive assay by STA analyzers	6 vials of substrate 6 vials of factor Xa	6 x 4 mL
00322US	**STA®-Liquid Anti-Xa 8** Chromogenic assay for the quantitative determination of unfractionned (UFH) and low molecular weight heparins (LMWH) in plasma by measuring Anti-Xa activity on antithrombin in a competitive assay by STA analyzers	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 2 vial of buffer 4 vials of factor Xa 4 vials of substrate	4 x 4 mL

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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00615	**Asserachrom® HPIA** Determination of anti-heparin-PF4 antibodies by ELISA method	3 x 2 coated strips 3 vials of HPIA reference 1 vial of washing solution 6 vials of anti-human IgG,A, M-peroxidase 3 vials of HPIA negative control 3 vials of HPIA positive control 6 vials of TMB 3 vials of dilution buffer	3 x 2 x 8 tests

Combination

Reagents-Calibration plasmas-Quality controls

REAGENT	STA®-LIQUID ANTI-XA CAT. NO. 00311US (4 ML) / CAT. NO. 00322US (8 ML)
Molecules	UFH & LMWH
Calibration Type	Dedicated calibration HNF/HBPM Hybrid calibration
Calibration Plasma	STA®-Multi-Hep Calibrator *Ref. 00348*
Quality Controls	STA®-Quality HNF/UFH *Ref. 00381* STA®-Quality HBPM/LMWH *Ref. 00686*

REAGENT	STACHROM® HEPARIN CAT. NO. 00906	
Molecules	UFH	LMWH
Calibration Type	Dedicated calibration UFH	Dedicated calibration LMWH
Calibration Plasma	STA®-Hepanorm® H *Cat. No. 00684*	STA®-Hepanorm® HBPM *Cat. No. 00681*
Quality Controls	STA®-Heparin Control (UFH) *Cat. No. 00683*	STA®-HBPM/LMWH Control *Cat. No. 00682*

Antithrombin (AT)

Antithrombin 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**.

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Antithrombine (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
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

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 neutralizing 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 characterize a protein C deficiency it is recommended that the STA®-Staclot® Protein C test be complemented with the immunological Asserachrom® Protein C assay and with the chromogenic STA®-Stachrom® Protein C assay.

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Protein C			
00671	**STA®-Stachrom® Protein C** Chromogenic assay of Protein C	6 vials of PC-activator 6 vials of substrate	6 x 3 mL
00737	**STA®-Staclot® Protein C 3** Clotting assay of Protein C	3 vials of PC deficient plasma 3 vials of PC-activator	6 x 3 mL
00747	**STA®-Staclot® Protein C 1** Clotting assay of Protein C	3 vials of PC deficient plasma 3 vials of PC-activator	3 x 1 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

Combination
Reagents-Calibration Plasmas-Quality Controls

CAT. NO.	REAGENTS	CALIBRATION PLASMAS	QUALITY CONTROLS
Antithrombin			
00596	STA®-Stachrom® AT III 3	STA®-Unicalibrator - *Cat. No. 00675*	STA®-Coag Control N+ABN Plus - *Cat. No. 00677* STA®-System Control N+P - *Cat. No. 00678*
Protein C			
00737	STA®-Staclot® Protein C 3	STA®-Unicalibrator - *Cat. No. 00675*	STA®-System Control N+P - *Cat. No. 00678*
00747	STA®-Staclot® Protein C		
00671	STA®-Stachrom® Protein C		

Protein S & C4b-Binding Protein

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 it 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 it 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.

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Protein S			
00746	**STA®-Staclot® Protein S** Clotting assay of Protein S	2 vials of PS deficient plasma 2 vials of factor Va 2 vials of APC	2 x 1 mL
00516	**STA®-Liatest® Free Protein S 6** Quantitative determination of Free Protein S by immuno-turbidimetric method	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 dilution buffer 3 vials of Total Protein S control 3 vials of anti-Total ProteinS-peroxidase 3 vials of Total Protein S calibrator 3 vials of TMB 1 vial of washing solution	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 dilution buffer 3 vials of Free Protein S control 3 vials of anti-Free Protein S-peroxidase 3 vials of Free Protein S calibrator 3 vials of TMB 1 vial of washing solution	3 x 32 tests
00570	**Liatest® Protein S** Immuno-turbidimetric assay for Total Protein S Antigen. Suspension of microlatex partlcles coated with rabbit anti-human total protein S antibodies.	6 x 1 mL vials of Latex 6 x 4 mL vials of Buffer	60 tests

Protein S & C4b-Binding Protein

Combination
Reagents-Calibration Plasmas-Quality Controls

CAT. NO.	REAGENTS	CALIBRATION PLASMAS	QUALITY CONTROLS
Protein S			
00746	STA®-Staclot® Protein S	STA®-Unicalibrator - *Cat. No. 00675*	STA®-System Control N+P - *Cat. No. 00678*
00516	STA®-Liatest® Free Protein S 6	*Pre-calibrated*	STA®-Liatest® Control N+P - *Cat. No. 00526*

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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00339	**STA®-Staclot® DRVV Screen 2** Detection of the Lupus Anticoagulants 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 Lupus Anticoagulants 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 Lupus Anticoagulants by the diluted Russel's viper venom test	12 vials of STA®-Staclot® DRVV Confirm	12 x 2 mL
00599	**PTT-LA Screen** Lupus Anticoagulant APTT-based reagent	6 vials of PTT-LA	6 x 2 mL
00594	**Staclot® LA 20** Detection of Lupus Anticoagulants. Freeze-dried hexagonal phase of phsophatidylethanolamine, normal human plasma with heparin inhibitor, PTT-LS reagent of cephalin and particulate activator (silica)	2 x 1 mL vials of Buffer 2 x 0.5 mL vials of Phospholipids 4 x 0.5 mL vials of Normal Plasma 2 x 2 mL vials of PTT-LS 2 x 2.5 mL vials of Solvent	6 x 2 mL
00600	**Staclot® LA** Hexagonal phospholipids screening and confirmatory assay for Lupus Anticoagulants	2 vials of hexagonal phospholipids 4 vials of normal plasma 2 vials of PTT-LS 2 vials of buffer 2 vials of solvent	10 tests
Reference Plasma			
01139	**Pool Norm** Normal human plasma pool	12 vials of Pool Norm	12 x 1 mL

Combination
Reagents-Calibration Plasmas-Quality Controls

CAT. NO.	REAGENTS	CALIBRATION PLASMA	QUALITY CONTROL
Lupus Anticoagulants			
00339	STA®-Staclot® DRVV Screen 2	*N/A*	STA®-Control LA 1+2 - *Cat. No. 00201*
00333	STA®-Staclot® DRVV Screen 5		
00334	STA®-Staclot® DRVV Confirm		

VWF Factor & 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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
VWF Reagents			
00518	**STA®-Liatest® VWF:Ag** Quantitative determination of Von Willebrand Factor 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 Von Willebrand Factor by ELISA method	3 x 2 coated strips 3 vials of anti-VWF-peroxidase 3 vials of VWF calibrator 3 vials of VWF control 3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests
01138	**Asserachrom® VWF:FVIIIB** Quantitative determination of the capacity of Von Willebrand Factor to bind to FVIII by ELISA method *Research use only; not for use in diagnostic procedures*	3 x 2 coated strips 3 vials of anti-FVIII-peroxidase 3 vials of VWF:FVIII calibrator 3 vials of VWF:FVIII control 3 vials of anti-FVIII-peroxidase buffer 3 vials of TMB 3 vials of sample diluent 1 vial of washing solution 3 vials of recomb. F.VIII	3 x 32 tests
Activation Markers			
00950	**Asserachrom® ß-TG** Quantitative determination of ß-Thromboglobulin(ß-TG)	3 x 2 coated strips 3 vials of anti-ß-TG-peroxidase 3 vials of-ß-TG calibrator 3 vials of-ß-TG control 3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	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 anti-PF4-peroxidase 3 vials of PF4 calibrator 3 vials of PF4 control 3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests

Combination
Reagents-Calibration Plasmas-Quality Controls

CAT. NO.	REAGENT	CALIBRATION PLASMA	QUALITY CONTROL
VWF Factor & Activation Markers			
00518	**STA®-Liatest® VWF:Ag**	STA®-Liatest® VWF:Ag Calibrator - *Cat. No. 00520*	STA®-Liatest® Control N+P - *Cat. No. 00526*

Calibration Plasmas

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Automated Reagents			
00675	**STA®-Unicalibrator** Calibration plasma for 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
00684	**STA®-Hepanorm® H** Calibration plasmas for UFH assay 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 assay 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 Heparins assay (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

Control Plasmas

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Automated Reagents			
00677	**STA® Coag Control N + Abn Plus** Normal and abnormal control plasmas for PT, APTT,fibrinogen, thrombin time, AT	12 vials of STA® Coag Control Plus N 12 vials of STA® Coag Control Plus ABN	12 x 2 x 2 mL
00678	**STA®-System Control N+P** Normal and abnormal control plasmas for PT, APTT, fibrinogen, thrombin time (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 Von Willebrand Factor, 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
00201	**STA®-Control LA 1+2** Control plasmas for lupus anticoagulant 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 assay 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 assay 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

Correlation Plasma Sets - ExpertCor

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. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
01306	ExpertCor Routine	30 vials for PT, APTT and firbrinogen, 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

External Quality Control Programs - Qualiris by Stago

External quality control program open to every automated and semi-automated coagulation analyzer.

For further information, please refer to your local sales representative.

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
01044	**Qualiris QC Premium S1** Unassayed plasmas for external quality assessment of PT, APTT, Fibrinogen, Thrombin Time, Reptilase Time, Endogenous Factors*, Exogenous Factors, Factor XII, 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, Thrombin Time, Reptilase Time, Endogenous Factors, Exogenous Factors, Factor XIII, VWF, AT, PC, PS, Antiplasmin, Plasminogen	12 vials of plasma - Semester 2	12 x 1 mL
01049	**Qualiris QC D-Dimer** Unassayed plasmas for external quality assessment of D-Dimer	6 vials of plasma - Full year	6 x 1 mL
01048	**Qualiris QC Heparin HNF/UFH** Unassayed plasmas for external quality assessment 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
Coming Soon! 01272	**Qualiris QC DOAC anti-Xa** Unassayed plasmas for external quality assessment of DOAC anti-Xa	6 vials of plasma - Full year	2 x 3 x 1 mL
Optional Add-On Programs			
85094	**Qualiris QC Premium Thrombophilia** Monthly external quality assessment of Antithrombin, Protein C, Protein S, Plasminogen, Antiplasmin	Thrombophilia Option, utilize the Qualiris QC Premium vials of plasma	N/A

AUXILIARY REAGENTS

CAT. NO.	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 bottles of STA®- Cleaner Solution	6 x 2.5 mL
00367	STA®-CaCl2 0.025 M	24 vials of STA®- CaCl2 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

ACTIVITY METHODS

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00346	**STA®-Stachrom® TAFI** Chromogenic assay for the quantitative determination of the thrombin activatable fibrinolysis inhibitor (TAFI) activity	2 vials of TAFI activator 4 vials of carboxypeptidase A 2 vials of substrate 2 vials of TAFI calibrator 2 vials of TAFI control	80 tests
00851	**Stachrom® Heparin Cofactor II** Chromogenic assay of heparin cofactor II activity	6 x 2 mL vials of Thrombin 6 x 2 mL vials of Substrate 1 x 15 mL bottle of Buffer	60 tests
00853	**Stachrom® PAI** Chromogenic assay of Plasminogen Activator Inhibitor-1 (PAI-1)	2 vials of urokinase 2 vials of plasminogen 2 vials of substrate 2 vials of PAI calibrator 1 2 vials of PAI calibrator 2 2 vials of PAI calibrator 3	2 x 2 mL
00429	**STA®-Procoag-PPL** Chronometric determination of procoagulant phospholipid activity	3 vials of procoagulant-phospholipid depleted plasma 3 vials of Factor Xa 3 vials of Control N 3 vials of Control P	3 x 40 tests

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ELISA METHODS

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00264	**Asserachrom® sEPCR** Quantitative determination of soluble Endothelial Protein C Receptor by ELISA method	3 x 2 Coated Strips 3 x 8 mL vials of Anti-sEPCR-Peroxidase 3 x 8 mL vials of TMB 3 x 50 mL bottles of Dilution Buffer 1 x 50 mL bottle of Washing Solution 3 x 0.5 mL vials of sEPCR Calibrator 1 Plate Frame; 1 Plate Cover 3 x 0.5 mL vials of sEPCR Control	96 tests
00261	**Asserachrom® Total TFPI** Quantitative determination of total Tissue Factor Pathway Inhibitor (TFPI) by ELISA method	3 x 2 Coated Strips 6 tablets of Urea Peroxide 3 x 2 mL vials of Anti-Total TFPI-Peroxidase 6 tablets of Ortho-Phenylenediamine 2 x 50 mL bottles of Dilution Buffer 1 x 50 mL bottle of Washing Solution 3 x 0.5 mL vials of Total TFPI Calibrator 3 x 0.5 mL vials of Total TFPI Control 1 Plate Frame; 1 Plate Cover	96 tests
00262	**Asserachrom® Free TFPI** Quantitative determination of free Tissue Factor Pathway Inhibitor (TFPI) by ELISA method	3 x 2 Coated Strips 3 x 2 mL vials of Anti-Free TFPI-Peroxidase 6 tablets of Ortho-Phenylenediamine 6 tablets of Urea Peroxide 1 x 50 mL bottle of Washing Solution 3 x 0.5 mL vials of Free TFPI Calibrator 3 x 0.5 mL vials of Free TFPI Control 1 Plate Frame; 1 Plate Cover 2 x 50 mL bottles Dilution Buffer	96 tests
00265	**Asserachrom® Anti-Prothrombin IgG, M** Semi-quantitative determination of anti-prothrombin antibodies of IgG and/or IgM class by ELISA method	3 x 2 Coated Strips 3 x 4 mL vials of Anti-IgG-Peroxidase 3 x 4 mL vials of Anti-IgM-Peroxidase 3 x 8 mL vials of TMB 3 x 50 mL bottles of Dilution Buffer 1 x 50 mL bottle of Washing Solution 3 x 2 mL vials of Anti-Prothrombin IgG,M Calibrator 3 x 2 mL vials of Control 1 3 x 2 mL vials of Control 2 1 Plate Frame; 1 Plate Cover	96 tests
01004	**Cy-Quant ELISA sCD146** Quantitative determination of soluble CD146	3 x 2 coated strips 6 tablets of OPD	3 x 32 tests
00616	**Asserachrom® TAFIa/TAFIai** Quantitative determination of activated and/or inactivated TAFI by ELISA method	3 x 2 coated strips 3 vials of anti-TAFIa/TAFIai-peroxidase 3 vials of TAFIa/TAFIai calibrator 3 vials of TAFIa/TAFIai control 3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests
00949US	**Asserachrom® PAI-1** Quantitative determination of Plasminogen Activator Inhibitor-1 (PAI-1) by ELISA method	3 x 2 coated strips 3 vials of anti-PAI-1-peroxidase 3 vials of PAI-1 calibrator 3 vials of PAI-1 control 3 vials of TMB 3 vials of dilution buffer 1 vial of washing solution	3 x 32 tests
01076-US	**Cy-Quant VASP/P2Y12** For the monitoring of P2Y12 ADP receptor antagonists by ELISA	96 divisible Anti-VASP coated wells 3 vials of PGE1 3 vials of PGE1 + ADP 1 vial of Anti-VASP-P peroxidase 1 vial of lysis buffer 1 vial of washing solution 1 vial of dilution buffer 1 vial of TMB 1 vial of stop solution	96 unitary tests

RESEARCH PRODUCTS

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FLOW CYTOMETRY

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00449-US	**PLT VASP/P2Y12** For the monitoring of P2Y12 ADP receptor antagonists by flow cytometry	1 vial of diluent 1 vial of staining reagent 1 vial of PGE1 + ADP 1 vial of staining reagent 1 vial of PGE1 1 vial of anti-VASP-P mouse monoclonal antibody 1 vial of negative isotypic control 1 vial of fixative agent	10 samples
00111-US	**Platelet Gp Receptors** The PLT Gp/Receptors kit allows precise quantitation of GpIIb, GpIb and GMP140 glycoproteins on platelet surfaces in the resting state and after TRAP (Thrombin Receptor Agonist Peptide) activation for detection of constitutive thrombopathies, including Glanzmann Thrombasthenia, Bernard Soulier syndrome, Fechtner syndrome, X-linked thrombocytopenia, and Gray platelet syndrome.	1 vial of diluent 1 vial of negative isotypic control 1 vial of anti-Gp IIb/IIIa 1 vial of anti-Gp IIIa 1 vial of staining reagent 1 vial of fixative agent 1 vial of TRAP 1 vial of anti-Gp Ib 1 vial of anti-GMP 140 1 vial of calibrator	5 samples
00112	**Platelet GpIIb/IIIa Occupancy** Single color fl ow cytometric analysis of the GpIIb/IIIa glycoprotein receptor for testing of occupancy by various anti-GpIIb/IIIa drugs including abciximab (Reopro®), eptifi batide (Integrilin®), or tirofi ban (Aggrastat®).	1 vial of diluent 1 vial of negative isotypic control 1 vial of staining reagent 1 vial of Mab2 anti-Gp IIIa 1 vial of Mab1 anti-Gp IIIa 1 vial of calibrator	10 samples
00452	**Platelet PAIg** For dual color flow cytometric analysis of Platelet Associated Immunoglobulins (PAIg).	1 vial of diluent 1 vial of Mab 1 vial of negative isotypic control 1 vial of calibrator 1 vial of staining reagent 1 vial of buffer	10 samples
00457	**Platelet Calibrator** Calibration kit for the measurement of platelet glycoprotein expression level or any other human platelet surface molecules.	1 vial of negative isotypic control IgG1 1 vial of negative isotypic control IgG2a 1 vial of negative isotypic control IgG2b 1 vial of diluent 1 vial of calibrator 1 vial of staining reagent	50 tests
00418	**Platelet GP Screen** Single color flow cytometric analysis of the platelet glycoproteins GpIIIa, GpIb and GpIa.	1 vial of diluent 1 vial of calibrator 1 vial of staining reagent 1 vial of Mab2 anti-Gp Ia 1 vial of Mab2 anti-Gp Ib 1 vial of Mab2 anti-Gp IIIa	10 samples
00420	**Megamix** For standardizing microparticle setup within a given analysis region (0.5-1 µm) and providing setting stability.	1 vial of beads	50 tests
01077	**Megamix-Plus FSC** For standardizing microparticle setup within a given analysis region (0.3-1 µm) and providing setting stability. Designed for use with newer generation forward scatter (FSC)-optimized flow cytometer models such as the Gallios® or Navios® from Beckman Coulter.	1 vial of beads	50 tests

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FLOW CYTOMETRY

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
01078	**Megamix-Plus SSC** For standardizing microparticle setup within a given analysis region (0.3-1 µm) and providing setting stability. Designed for use with newer generation forward scatter (SSC)-optimized flow cytometer models from Becton Dickinson.	1 vial of beads	50 tests
01001	**Cellquant Calibrator** Calibration kit for the measurement of human leukocyte surface antigen expression level by multiple color analysis.	1 vial of diluent 1 vial of staining reagent 1 vial of calibration beads 1 vial of neutralisation solution	50 tests
01000-US	**Cellquant PNH** For analysis of defi ciencies of CD55 and CD59 on the granulocyte surface for the purpose of analyzing samples from patients suspected of Paroxysmal Nocturnal Haemoglobinuria (PNH).	1 vial of diluent 1 vial of calibrated beads 1 vial of saturation reagent 3 vials of redcell lysing solution 1 vial of Mab anti-CD55 1 vial of Mab anti-CD59 1 vial of staining reagent	12 samples
01003-US	**Redquant PNH** For analysis of deficiencies of CD55 and CD59 on the red blood cell surface for the purpose of analyzing samples from patients suspected of Paroxysmal Nocturnal Haemoglobinuria (PNH).	1 vial of diluent 2 vials of calibrated beads 1 vial of saturation reagent 1 vial of Mab anti-CD55 1 vial of Mab anti-CD59 1 vial of staining reagent	12 samples
01169	**MP-Count Beads** A bead suspension designed for the absolute count of microparticles (MP) by flow cytometry and compatible with all cytometer brands and models	1 vial of 3 mL	100 tests

IMMUNO-TURBIDIMETRIC METHODS

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
00543US	STA®-Liatest® FM Quantitative determination of fibrin monomers by immuno-turbidimetric method *(Liquid reagent)*	6 vials of latex 6 vials of buffer	6 x 4 mL 6 x 2 mL
00581	Liatest® C4b-BP Quantitative determination of C4b-BP by immuno-turbidimetric method	6 vials of latex 6 vials of buffer	6 x 1 mL

CHROMOGENIC SUBSTRATES & ACTIVATORS

CAT. NO.	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

PURIFIED PROTEINS

CAT. NO.	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

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MONOCLONAL ANTIBODIES FOR FLOW CYTOMETRY

CAT. NO.	PRODUCT NAME	PACK.
Anti-platelet markers		
01033	CD32, clone 2B2, purified	0.1 mg
01031	CD36, clone 10.5, purified	0.1 mg
01030	CD36, clone 10.5, FITC	100 tests
01032	CD36, clone 10.5, PE	100 tests
01025	CD41, clone PL2-49, purified	0.1 mg
01024	CD41, clone PL2-49, FITC	100 tests
01026	CD41, clone PL2-49, PE	100 tests
01028	CD42b, clone ALMA 19, purified	0.1 mg
01027	CD42b, clone ALMA 19, FITC	100 tests
01029	CD42b, clone ALMA 19, PE	100 tests
01041	CD61, clone LYP18, purified	0.1 mg
01040	CD61, clone LYP18, FITC	100 tests
01042	CD61, clone LYP18, PE	100 tests
01017	CD61, clone 4F8, purified	0.1 mg
01016	CD61, clone 4F8, FITC	100 tests
01022	CD62P, clone LYP20, purified	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, purified	0.1 mg
01084	GPVI, clone 1G5, PE	100 tests
Anti-endothelial cell markers		
01006	CD146, clone COM3D9, purified	100 tests
01007	CD146, clone COM2F6, purified	100 tests
01008	CD146, clone COM5G6, purified	100 tests
01010	CD146, clone COM7A4, FITC	100 tests
01009	CD146, clone COM7A4, Biot.	100 tests
01148	CD146, clone COM7A4, purified	0.1 mg
01149	CD146, clone S-ENDO 1, purified	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
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

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THROMBIN GENERATION (ST GENESIA)

NEW!

CAT. NO.	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-Reflplasma 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

THROMBIN GENERATION (CAT)

CAT. NO.	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 1 x 0.9 mL
86242	PPP Reagent +/- TM	10 vials of PPP Reagent with TM and 10 vials of PPP Reagent without TM	10 x 1 mL vials with TF and TM 10 x 1 mL vials withTF but without TM

All products on this page are labeled for research use only; not for use in diagnostic procedures

THROMBOPHILIA

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION		PACK.
Heparin Cofactor II (HCII)				
00851	**Stachrom® HCII** Chromogenic assay of heparin cofactor II	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	3 x 2 coated strips 1 vial of washing solution 3 vials of Total TFPI calibrator 3 vials of Total TFPI control	3 vials of anti-Total TFPI-peroxidase 6 tablets of OPD 6 tablets of urea peroxide 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	3 x 2 coated strips 1 vial of washing solution 3 vials of Free TFPI calibrator 3 vials of Free TFPI control	3 vials of anti-Free TFPI-peroxidase 6 tablets of OPD 6 tablets of urea peroxide 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	3 x 2 coated strips 1 vial of wash. Solution 3 vials of sEPCR calibrator 3 vials of anti-sEPCR-peroxidase	3 vials of TMB 3 vials of dilution buffer 3 vials of sEPCR control	3 x 32 tests

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DIRECT ORAL ANTICOAGULANTS

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Automated Reagents			
00704US	**STA®-Rivaroxaban Calibrator** Calibration plasmas for rivaroxaban (Xarelto®) assay using anti-Xa method (STA®-Liquid Anti-Xa)	3 vials of STA®-Rivaroxaban Calibrator 0 3 vials of STA®-Rivaroxaban Calibrator 1 3 vials of STA®-Rivaroxaban Calibrator 2 3 vials of STA®-Rivaroxaban Calibrator 3	3 x 4 x 1 mL
00706US	**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
01112	**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
01111	**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
01177	**STA®-Edoxaban Calibrator** Calibration plasmas for apixaban (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
01176	**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
01108	**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
01109	**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
01110	**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

FIBRIN MONOMERS

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	PACK.
Fibrin Formation			
00544US	**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 1mL
00545US	**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

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Stago Added Value on Request (SAVOR™)

STAGO ADDED VALUE ON REQUEST (SAVOR™)

SAVOR™ (Stago Added Value on Request) offers tailored solutions for training, inventory management and other services to enhance productivity and efficiency. For additional details related to logistics and pricing contact your Stago sales representative.

Basic Operator Training

Training at our Parsippany, New Jersey facility is included with each new instrument purchased. Price includes transportation, hotel, meals and training materials for in-house train-the-trainer implementation.

Following the completion of this course, participants will be able to:

- Recognize analyzer hardware
- Prepare and load consumables/reagents
- Complete practice runs included in the training materials
- Understand the software
- Perform user maintenance functions on the analyzer

CAT. NO.	INSTRUMENTS
08416	STA Compact Max® & STA Compact®
08417	STA R Max® & STA-R Evolution®
08440	STA Satellite®

STAGO ADDED VALUE ON REQUEST (SAVOR™)

Reagent Application Technical Support

The Stago Technical Support Specialist will assist with adding a test parameter to a Stago instrument. Assistance could include test set-up, method validation, running test samples, and data collection and analysis.

CAT. NO.	SERVICE DESCRIPTION
08427	On-Site Technical Assistance

Stago Inventory Management

Stago often receives requests for customized inventory management solutions, including sequestering of products that typically would not be sequestered. A nominal fee is to charged for this customized solution.

Requirements include:

- Hard copy purchase order with specified quantity
- Shipping schedule including beginning and end dates

CAT. NO.	SERVICE DESCRIPTION
08431	Inventory Management and Shipping

STAGO ADDED VALUE ON REQUEST (SAVOR™)

Method Validation

Standard Service: Accurate method validation is key to maintaining standardization and quality of results. In depth training and tools are provided during the new instrument training program. Standard method validation services include telephone support by your Stago Technical Support Specialist for review of protocols,to answer questions, and to pro-vide fi nal data review.

Method Validation: A Stago Technical Support Specialist will be on-site for one full day to perform method validation studies. Prior to arrival the Technical Support Specialist will work with the lead coagulation technologist/key operator to develop the plan for sample requirements and time management. The Technical Support Specialist will schedule a time to be present to run samples, generate data and complete the process.

CAT. NO.	DAYS OF ON-SITE SUPPORT	SERVICE DESCRIPTION
08428	3	Routine Assays: PT, APTT, Fib, TT, D-dimer
08429	4	Routine + Specialty Assays
85080	N/A	Method Validation Binder: For customers without access to a network enabled computer, Stago provides the convenience of a paper report.

Lot Conversion

Lot Conversion/Simple Method Validation (eg. a single test parameter)

Lot Conversion: For customers who would prefer to have a Stago Technical Support Specialist on-site to perform a lot conversion, the Technical Support Specialist will run the tests, collect data, perform data analysis and provide an electronic data presentation.

CAT. NO.	DAYS OF ON-SITE SUPPORT	SERVICE DESCRIPTION
08430	1	Routine Assay Lot Conversion

Lot Conversion Analysis

A Stago Technical Support Specialist will receive data generated by the lab via email, fax or other locally acceptable means of sharing data. The Technical Support Specialist will load the data into the appropriate template, review data for outliers, and provide a report back to the customer.

CAT. NO.	SERVICE DESCRIPTION
08434	TSS Assistance: Lot Conversion Analysis

STAGO ADDED VALUE ON REQUEST (SAVOR™)

Preventive Maintenance on Demand

Preventive Maintenance on Demand is designed for customers who have a backup instrument that does not include a service contract. The Stago Field Service Group will perform a preventative maintenance program which includes decontamination of the instrument, general cleaning, instrument calibration, replacement of filters, and a biological test for precision. Price includes travel, parts and labor.

CAT. NO.	INSTRUMENT	SERVICE DESCRIPTION
85075	STA Compact Max® & STA Compact®	Preventive Maintenance
85076	STA R Max® & STA-R Evolution®	Preventive Maintenance

Instrument Decommission

A Stago Field Service Engineer will decontaminate your retired coagulation instrument and remove the hard drive in compliance with local regulatory and HIPAA requirements.

CAT. NO.	SERVICE DESCRIPTION
85077	Decommission
85078	Decommission and return instrument to Stago for disposal
85079	Special visit to perform decommission procedure

Terms and Conditions of Sale

FOR REAGENTS, DISPOSABLES & ACCESSORIES

Definitions:

Products: Reagents, Disposables and Accessories as defined in DSI's Product catalog in force.

DSI: Diagnostica Stago, Inc., a Delaware corporation with its principal place of business at Five Century Drive, Parsippany, NJ 07054, the seller of the Products.

Customer: The person or entity purchasing the Products.

Ordering Information:

Please reference your Customer number when placing all orders. Orders are accepted by telephone or fax:

Attn: Sales Administration Department

Phone: 800.222.COAG (2624) Menu option 3

Fax: 973.426.9460

Monday through Friday: 8:30am to 7:00pm EST

By mail, please refer all orders to:

Diagnostica Stago, Inc.
Attn: Sales Administration Department
330 Waterloo Valley Road
Mount Olive NJ 07828

Application:

These Terms and Conditions of Sale supersede any terms specified in the purchase order placed by Customer or related correspondence. Any additions, modifications or deletions made to these Terms and Conditions of Sale shall be null and void unless approved in writing by DSI. The failure or delay of DSI to enforce any of these Terms and Conditions of Sale shall not be deemed to be a waiver by DSI of any such terms. If, at the time of purchase, Customer is a qualified member of a Group Purchasing Organization (GPO) having a contract with DSI, conflicting provisions in these Terms and Conditions of Sale will be interpreted as per the contract between said GPO and DSI in effect at the time of purchase.

Payment:

The prices for the Products are those indicated in DSI's price lists in effect at the time the order is placed by Customer. A $50.00 minimum purchase is required. Terms of payment are net 30 days from the date of DSI's invoice. Customer shall report any incorrect billing to DSI Sales Administration within 15 days after the delivery of invoice. Customer agrees to reimburse DSI on demand for any taxes, fines or penalties paid by DSI on behalf of Customer. DSI will not bill third party providers for such payments.

DSI reserves the right, in addition to all other remedies available, at its sole discretion and without prior notice (i) to suspend deliveries of Products and to reject any new orders made unless and until payment in full is made by Customer of all outstanding amounts due to DSI and (ii) to charge interest on past due amounts at the rate of one and one half percent (11/2%) per month until paid or the lesser maximum amount permitted by law.

Delivery:

Products shall be delivered FOB Origin, freight prepaid and added to the invoice. Delivery of the Products shall be deemed to have occurred at the earlier of: (i) the date the Products are handed over to the first carrier, or (ii) in case of an unsuccessful attempt at shipment, two business days following the sending of notice to Customer stating that Products are at Customer's disposal at DSI's shipping point.

Terms and Conditions of Sale

Sequestering:
Reagents to be sequestered (by storing a pre-established quantity of a single lot of Reagent) are determined by DSI based on Customer's sequestering request. Sequestering will require a hard copy Purchase Order indicating line item quantity and a specified delivery schedule including beginning and end dates. First delivery of sequestered Reagents cannot be less than 30 days from the date of the sequestering request.

Returns:
Customer may not return Reagents ordered in error. Returns will not be accepted or a credit issued without prior approval and a Return Authorization Number assigned by a Sales Administration Representative. Please call (800) 222-COAG Menu option 3.

Two categories of returns will be accepted:
1) Products shipped in error by DSI, and 2) Analyzer parts, disposables, or accessories, ordered in error by Customer may be returned provided a Return Authorization number is assigned by a Sales Administration Representative, the item is returned in the original unopened packaging, and received undamaged. However, in category 2), Customer will be charged a 35% restocking fee.

In order to receive replacement Product or credit, the following criteria must be met: The problem must be reported within 30 working days from the date stated on the Product invoice; Returned Product must be in the same condition as it was received; No returns will be accepted after 30 days from the date on the Product invoice. Please send all returns indicating the Return Authorization Number on the outside of the package to:

Diagnostica Stago, Inc.
Returns Department
Distribution Warehouse
330 Waterloo Valley Road
Mount Olive, NJ 07828

Limited Warranty:
Each of the Products shall be free from defects in material and workmanship and shall conform to DSI's specifications as specified in the package when delivered by DSI.

Subject to DSI's acceptance of the non-conformity of the Products delivered, the warranty for defective Products is strictly limited to the replacement free of charge of the corresponding Products.

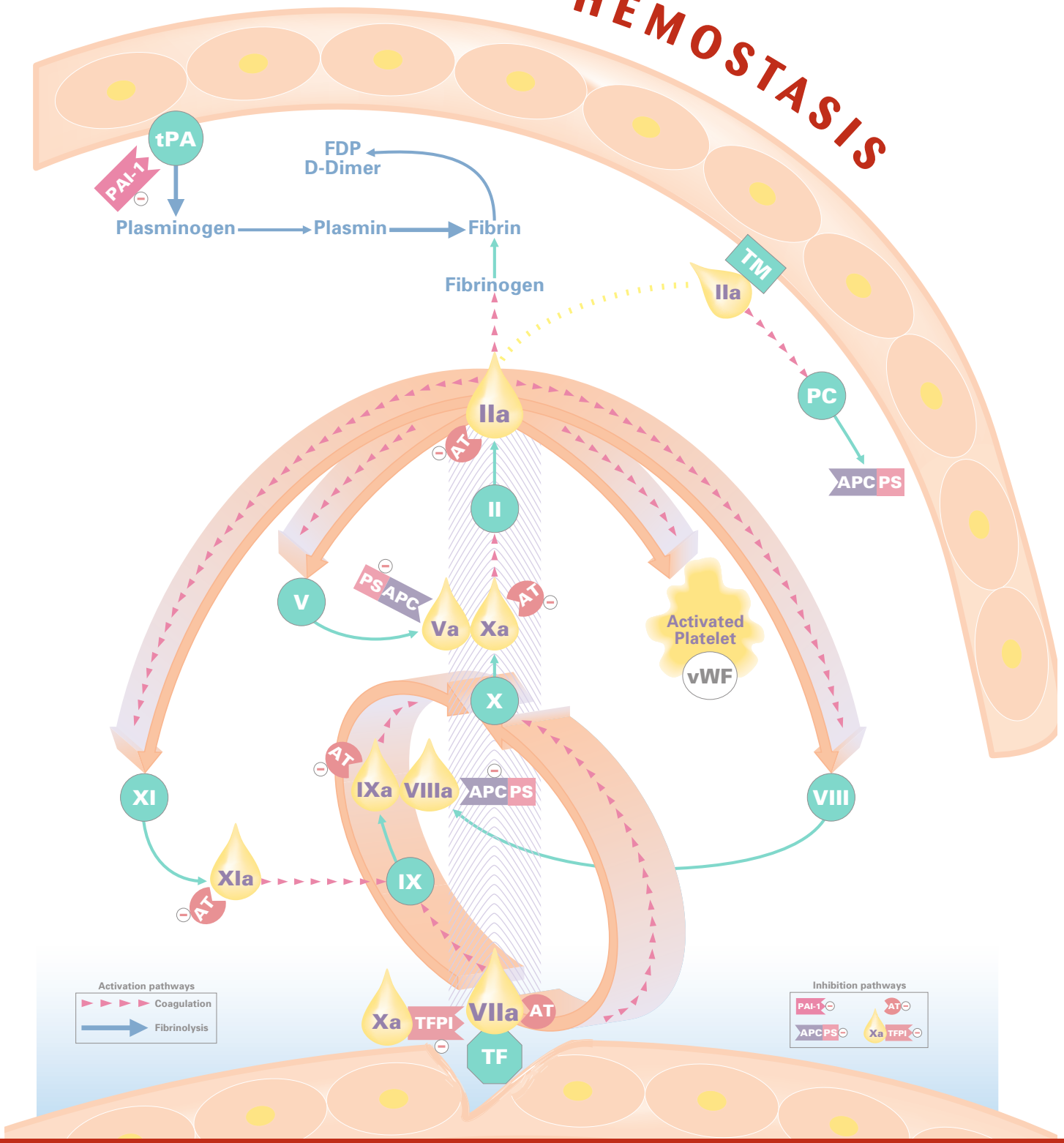
EXCEPT TO THE EXTENT OF THE LIMITED WARRANTY SPECIFICALLY SET FORTH IN THIS ARTICLE, AND NOTWITHSTANDING ANY PROVISION TO THE CONTRARY CONTAINED HEREIN OR IN ANY OTHER DOCUMENT, NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, IS MADE.

In no event shall DSI, its employees or its suppliers be liable for lost profits or any special common, indirect, incidental, consequential or exemplary damages, irrespective of whether attributable to contract, warranty, negligence, strict liability or otherwise.

Governing Law – Venue:
These Terms and Conditions of Sale shall be governed by and interpreted in accordance with, the laws of the State of New York applicable to contracts made and wholly performed in New York. All disputes arising out of or in connection with the order made under these Terms and Conditions of Sale must be settled by one Arbitrator sitting in New York City, in accordance with the Commercial Arbitration Rules of the American Arbitration Association, and judgment upon the award rendered by the Arbitrator may be entered in any Court having jurisdiction over the parties.

Notes

HEMOSTASIS



Stago
USA
At the Heart of Hemostasis

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