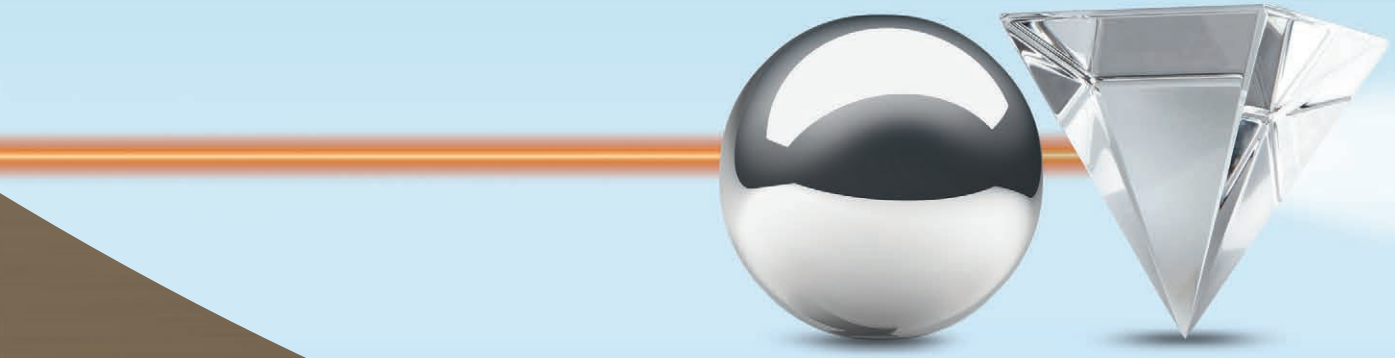
Think to the Future

Think Dual Technology

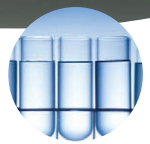


Catalogue 2018

Your Coagulation Company

Tcoag


Tcoag
DT 100
by Tcoag



CONTENTS

Reagents

Instruments, Softwares and Consumables


TriniCHECK Control 2
T4102
10 x 1.0 ml
TriniCHECK Control 2 is a lyophilized human plasma in which factors II, VII,IX and X have been selectively and partially removed, to be used as an abnormal control in the Prothrombin Time (PT) and Activated Partial Thromboplastin Time (aPTT) test procedures.
10 x 1.0 ml
TriniCHECK Control 2


TriniCLOT PT Excel S
T1103A
C112001
TriniCLOT PT EXCEL S
T1103B
C126004


TriniLIA D-Dimer

Reagents

TriniCLOT Routine Reagents

PT

The PT test is commonly used to monitor oral anticoagulants, factor deficiencies and for general preoperative screening. An abnormal or extended PT test usually indicates a deficiency in one or more of the factors in the extrinsic or common pathway of blood coagulation.

TriniCLOT PT Reagents are lyophilised thromboplastins from either rabbit or human sources which guarantee consistently accurate results. Convenient and reliable, **TriniCLOT PT Reagents** are the quality PT reagents of choice for your haemostasis laboratory.

All ISIs* are assigned against the appropriate International Reference. Preparation (IRP) in accordance with WHO guidelines(1).

PART NUMBER	PRODUCT NAME	PACKAGING	FORMAT	ISI*	SOURCE	STABILITY
T1101	TriniCLOT PT HTF 20 mL	10 x 20 mL	Lyophilised	≈ 1	Human	10 days at 2-8°C
T1102	TriniCLOT PT HTF 6 mL	10 x 6 mL	Lyophilised	≈ 1	Human	10 days at 2-8°C
T1103	TriniCLOT PT Excel S 20 mL	5 x 20 mL	Lyophilised with reconstitution solvent included	1.0-1.2	Rabbit	4 days at 2-8°C
T1104	TriniCLOT PT Excel S 6 mL	10 x 6 mL	Lyophilised with reconstitution solvent included	1.0-1.2	Rabbit	4 days at 2-8°C
T1106	TriniCLOT PT Excel 6 mL	10 x 6 mL	Lyophilised with reconstitution solvent included	1.8-2.0	Rabbit	4 days at 2-8°C

* International Sensitivity Index.
(1) WHO Technical Report Series No.889, 1999, Annex 3, Guidelines for thromboplastins and plasma used to control oral anticoagulant therapy

aPTT

The Activated Partial Thromboplastin Time (aPTT) assay is a universally accepted screening procedure used to detect abnormalities in the intrinsic coagulation system.

In addition, it can be used to detect lupus anticoagulants and when monitoring heparin therapy.

Extended shelf lives (24-30 months) to minimize lot change frequency.

- ✓ Universal reagent: TriniCLOT aPTT S and TriniCLOT Automated aPTT are appropriately sensitive to deficiencies of all intrinsic factors including Fletcher factor (prekallikrein) and moderately sensitive to lupus anticoagulant. The sensitivity of these reagents also allows for the monitoring of unfractionated Heparin.
- ✓ Second line reagent: TriniCLOT aPTT HS has a higher sensitivity to lupus and is therefore adapted for use as a second line reagent. It is also appropriately sensitive to deficiencies of all intrinsic factors and can be used for the monitoring of unfractionated Heparin.

aPTT sensitivity table:

PRODUCT NAME	TriniCLOT aPTT S (T1201/T1202)	TriniCLOT aPTT HS (T1203/T1204)	TriniCLOT Automated aPTT (T1205/T1206)
Heparin	++	++++	+++
Lupus	++	+++	++
Factors	++	++	++

PART NUMBER	PRODUCT NAME	PACKAGING	FORMAT	ACTIVATOR	STABILITY
T1201	TriniCLOT aPTT S 10 mL*	5 x 10 mL	Liquid	Silica	30 days at 2-8°C
T1202	TriniCLOT aPTT S 3 mL*	5 x 3 mL	Liquid	Silica	30 days at 2-8°C
T1203	TriniCLOT aPTT HS 10 mL	10 x 10 mL	Liquid	Silica	30 days at 2-8°C
T1204	TriniCLOT aPTT HS 3 mL	10 x 3 mL	Liquid	Silica	30 days at 2-8°C
T1205	TriniCLOT Automated aPTT 6 mL	10 x 6 mL	Lyophilised	Silica	7 days at 2-8°C
T1206	TriniCLOT Automated aPTT 3 mL	10 x 3 mL	Lyophilised	Silica	7 days at 2-8°C
T1902	TriniCLOT Calcium Chloride 0.025 M	10 x 10 mL	Liquid		Until expiry date

* 0.02m Calcium Chloride included

TriniCLOT Routine Reagents

Fibrinogen

TriniCLOT Fibrinogen is intended for quantitative determination of fibrinogen in plasma. TriniCLOT Fibrinogen utilizes the Clauss method for fibrinogen determination. An excess of thrombin is used to convert fibrinogen to fibrin in diluted plasma such that the rate of reaction is a function of fibrinogen concentration.

- Convenient format: TriniCLOT Fibrinogen is provided in a kit format and as individual components.
- Wide working range to address different clinical contexts (e.g. 50 - 1350 mg/dL in mechanical mode using re-dilution).
- Extended on board and 2-8°C stability to suit all types of activities.

PART NUMBER	PRODUCT NAME	PACKAGING
T1301	TriniCLOT Fibrinogen Kit	TriniCAL Fibrinogen: 2 x 1 mL TriniCLOT Fibrinogen reagent (75NIH): 3 x 6 mL TriniCLOT Imidazole Buffer: 2 x 20 mL

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T1302	TriniCLOT Fibrinogen 6 mL (75NIH)	10 x 6 mL	12 days at 2-8°C
T1901	TriniCLOT Imidazole Buffer	6 x 20 mL	Until expiration date
T5104	TriniCAL Fibrinogen	10 x 1 mL	24 hours at 2-8°C

Thrombin Time

TriniCLOT Thrombin Time is intended for the determination of functional fibrinogen in human plasma. The enzyme, thrombin, is the penultimate protein in the clotting sequence, acting upon soluble fibrinogen and converting it to insoluble fibrin. A prolonged thrombin clotting time will result at fibrinogen levels of approximately 200 mg/dL and below. Nonfunctional fibrinogen molecules will also result in a prolonged thrombin time. TriniCLOT Thrombin Time is sensitive to the presence of heparin.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T1411	TriniCLOT Thrombin Time 1 mL (10NIH)	10 x 1 mL	30 days at -20°C
T1414	TriniCLOT Thrombin Time 4 mL (10NIH)	10 x 4 mL	30 days at -20°C

Factor Deficient Plasmas

A full suite of immuno-depleted **TriniCLOT Factor Deficient Plasmas** for all the extrinsic and intrinsic factors is provided.

TriniCLOT Factor II, V, VII or **X** Deficient Human Plasma are intended for the quantitative determination of extrinsic factors in human plasma by clotting assay. **TriniCLOT Factor VIII, IX, XI** or **XII** Deficient Human Plasma are intended for the quantitative determination of intrinsic factors in human plasma by clotting assay.

- **TriniCLOT Factor VIII** may also be used as a negative control in Von Willebrand Factor assays.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T1502	TriniCLOT Factor II	10 x 1 mL	8 hours at 2-8°C
T1505	TriniCLOT Factor V	10 x 1 mL	8 hours at 2-8°C
T1507	TriniCLOT Factor VII	10 x 1 mL	8 hours at 2-8°C
T1508	TriniCLOT Factor VIII	10 x 1 mL	8 hours at 2-8°C
T1509	TriniCLOT Factor IX	10 x 1 mL	8 hours at 2-8°C
T1510	TriniCLOT Factor X	10 x 1 mL	8 hours at 2-8°C
T1511	TriniCLOT Factor XI	10 x 1 mL	8 hours at 2-8°C
T1512	TriniCLOT Factor XII	10 x 1 mL	8 hours at 2-8°C

TriniCHROM FVIII:C

TriniCHROM FVIII:C is designed for the quantitative determination of Factor VIII:C in human plasma and Factor VIII concentrate by chromogenic assay.

Haemophilia A is a bleeding disorder caused by the deficiency of Factor VIII procoagulant activity (VIII:C). The quantitative determination of Factor VIII:C is useful in the diagnosis of Haemophilia A and in the determination of the severity of the disorder.

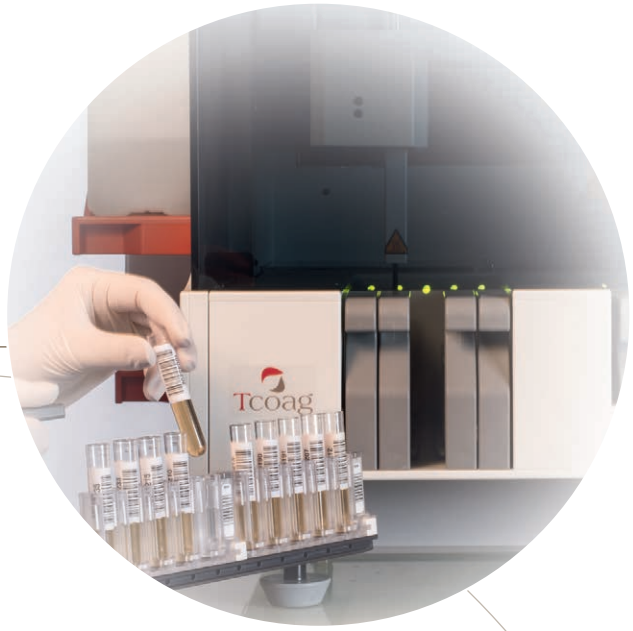
The arrival onto the market of new long-acting substitution FVIII therapies has made it necessary to develop new methods for quantitative determination of FVIII in human plasma, especially chromogenic assays.

Factor VIII:C is a blood plasma protein which exists as a complex with Von Willebrand factor. After activation by thrombin, Factor VIII:C acts as a cofactor in the conversion of Factor X to Factor Xa when calcium and phospholipid are present. The quantity of Factor Xa generated is determined using a specific chromogenic substrate and is directly proportional to the amount of Factor VIII:C in the sample.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T2608	TriniCHROM Factor VIII:C	Factor IXa Reagent: 3 x 1 mL	8 hours at 2-8°C
		Factor X Reagent: 3 x 2 mL	7 days at 2-8°C
		Factor Xa Substrate: 3 x 6 mL	7 days at 2-8°C
		Dilution Buffer (10X): 3 x 5 mL	30 days at 2-8°C

Solutions

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T1901	TriniCLOT Imidazole Buffer	6 x 20 mL	Until expiration date
T1902	TriniCLOT Calcium Chloride 0.025 M	10 x 10 mL	Until expiration date
T1903	TriniCLOT Owren's Buffer	24 x 15 mL	Until expiry date



TriniLIA D-Dimer Assays

Elevated levels of D-Dimer are associated with thrombotic disorders, such as Deep Venous Thrombosis (DVT), Pulmonary Embolism (PE) and Disseminated Intravascular Coagulation (DIC) as well as other conditions, such as cancer. The presence of elevated D-Dimer levels is not sufficient for the diagnosis of a thrombotic disorder, but the absence of elevated D-Dimer levels when used with the appropriate algorithm may be used to rule out the presence of DVT and PE.

NEW TriniLIA D-Dimer II

TriniLIA D-Dimer II kit is intended for the quantitative determination of D-Dimer in plasma by the immuno-turbidimetric method. It can be used to aid in the diagnosis of deep venous thrombosis and pulmonary embolism disease.

In this assay, an antigen-antibody reaction takes place, leading to an agglutination of the latex microparticles which induces an increase in turbidity of the reaction medium. This increase in turbidity is reflected by an increase in absorbance, the latter being measured photometrically. The increase in absorbance is a function of the D-Dimer level present in the test sample.

- To be used on DT 100 and Destiny Max
- Clinically validated: "Aid in Diagnosis"
- Suitable for every type of laboratory throughput: starting at just 2 tests per day
- Results available 24/7: first test < 7 minutes, precalibration

PART NUMBER	PRODUCT NAME	MODE	PACKAGING	STABILITY
T3104	TriniLIA D-Dimer II	Automated, pre-calibrated	Latex: 6 x 6 mL, Buffer: 6 x 5 mL	15 days on board stability
T4306	TriniCHECK LIA Control Set	Control plasma	TriniCHECK LIA Control N, 12 x 1 mL TriniCHECK LIA Control ABN, 12 x 1 mL	8 hours on board stability

TriniLIA D-Dimer

TriniLIA D-Dimer is a polystyrene micro-particle agglutination assay for the quantitative determination of fibrin degradation products containing D-Dimer in citrated human plasma on the Destiny Plus analysers at 405 nm.

PART NUMBER	PRODUCT NAME	MODE	PACKAGING	STABILITY
T3101	TriniLIA D-Dimer	Automated	D-Dimer Reagent: 4 x 2 mL D-Dimer Reaction Buffer: 4 x 4 mL D-Dimer Diluent: 1 x 4 mL TriniCAL D-Dimer: 1 x 1 mL	Reagent: 1 day on board stability Reaction Buffer: 14 days at 2-8°C Diluent: 14 days at 2-8°C TriniCAL D-Dimer: 3 days at 2-8°C
T4303	TriniCHECK D-Dimer 1	Control plasma	4 x 1 mL	2 days at 2-8°C
T4304	TriniCHECK D-Dimer 2	Control plasma	4 x 1 mL	3 days at 2-8°C
T4305	TriniCHECK D-Dimer 3	Control plasma	4 x 1 mL	3 days at 2-8°C

TriniCLOT Speciality Reagents

TriniCLOT PC II

The **TriniCLOT PC II** kit is intended for the quantitative measurement of the functional protein C level based on the prolongation of the Activated Partial Thromboplastin Time (aPTT).

In this assay, Protein C is activated in the presence of the specific activator extracted from Agkistrodon c. contortrix venom. The resulting activated protein C inhibits the factors V and VIII, and thus prolongs the aPTT of a system in which all the factors are present, constant and in excess (provided by the Reagent 1), except the protein C which is derived from the sample being tested.

PART NUMBER	PRODUCT NAME	STABILITY
T1607	TriniCLOT PC II	
	Reagent 1 (TriniCLOT PC Def Plasma): 3 x 1 mL	8 hours on board stability
	Reagent 2 (TriniCLOT PC Activator): 3 x 1 mL	8 hours on board stability

TriniCLOT PS II

The **TriniCLOT PS II** kit is intended for the quantitative measurement of the functional protein S level based on the principle of factor Va inhibition.
The principle of the assay is based upon the cofactor activity of protein S which enhances the anticoagulant action of activated protein C.
This enhancement is reflected by the prolongation of the clotting time of a system enriched with factor Va which is a physiological substrate for activated protein C.

PART NUMBER	PRODUCT NAME	STABILITY
T1608	TriniCLOT PS II	
	Reagent 1 (TriniCLOT PS Def Plasma): 2 x 1 mL	4 hours on board stability
	Reagent 2 (TriniCLOT PS Pca): 2 x 1 mL	4 hours on board stability
	Reagent 3 (TriniCLOT PS Factor Va): 2 x 1 mL	4 hours on board stability

TriniCLOT Lupus Screen and Confirm

TriniCLOT Lupus Screen and **TriniCLOT Lupus Confirm** are simplified dilute Russell's Viper Venom Time (dRVVT) reagents, intended to specifically detect Lupus Anticoagulants (LAs), a type of anti-phospholipid antibody. The reagents are simple one step clotting tests that can be performed either manually or on automated coagulation instruments.

- Mixing tests may be used to exclude Factor II, V and X deficiencies that may prolong TriniCLOT Lupus Screen and TriniCLOT Lupus Confirm results.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T1604	TriniCLOT Lupus Screen	10 x 2 mL	48 hours at 2-8°C
T1605	TriniCLOT Lupus Confirm	10 x 1 mL	48 hours at 2-8°C
T4203	TriniCHECK Lupus Positive Control	6 x 1 mL	8 hours at 2-8°C

TriniCHROM Speciality Reagents

TriniCHROM Antithrombin IIa and TriniCHROM Antithrombin Xa

TriniCHROM Antithrombin IIa and **TriniCHROM Antithrombin Xa** are intended for the quantitative determination of AT activity in human plasma by chromogenic assay.

AT is the major inhibitor of plasma thrombin and Factor Xa. It is also an important inhibitor of activated Factors IXa, XIa, and XIIa. The inhibitory activity of AT towards thrombin is greatly increased (2–3 orders of magnitude) in the presence of heparin. TriniCHROM Antithrombin IIa and TriniCHROM Antithrombin Xa utilize a thrombin based reagent which is added to a plasma dilution containing AT in the presence of heparin. After incubation, residual thrombin is determined with a thrombin-specific chromogenic substrate. The residual thrombin activity is inversely proportional to the antithrombin concentration.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T2602	TriniCHROM Antithrombin IIa	AT Heparin/Thrombin Reagent: 4 x 12 mL AT Thrombin Substrate: 4 x 2 mL AT IIa Dilution Buffer (10X): 2 x 5 mL	AT Heparin/Thrombin Reagent: 2 week at 2-8°C AT Thrombin Substrate: 2 weeks at 2-8°C AT IIa Dilution Buffer: 2 weeks at 2-8°C
T2603	TriniCHROM Antithrombin Xa	AT Factor Xa Reagent: 4 x 3 mL AT Factor Xa Substrate: 4 x 3 mL AT Xa Dilution Buffer (10X): 4 x 5 mL	All reagents are stable for 1 month at 2-8°C

Adapted to all clinical contexts:

- Allows for the detection of both types of AT deficiencies (type I, II)
- Wide working ranges & the choice of using the IIa or Xa method:
  - ✔ The use of bovine thrombin and low heparin levels reportedly reduce the interference of HCII in amidolytic assays.
    This AT assay has been developed to decrease the interference from HCII to a level where discrimination between normal and abnormal levels is similar to that achieved by Factor Xa based AT assays.
  - ✔ A method based on the ability of plasma to inhibit Factor Xa in the presence of heparin may be more accurate since it eliminates interference due to heparin cofactor II which does not inhibit Factor Xa.

TriniCAL Reference Plasmas

TriniCAL Reference control plasmas are citrated freeze-dried human plasmas which guarantee consistently accurate results.

AK Calibrant

Monitoring of coumadin or coumadin-like Oral Anticoagulant Therapy (OAT) is generally performed with the Prothrombin Time (PT) test. When used for monitoring OAT, the World Health Organization recommends normalizing and reporting the results of the PT test as an INR rather than seconds. The PT may also be reported in a normalized format as a Percent Activity (%).

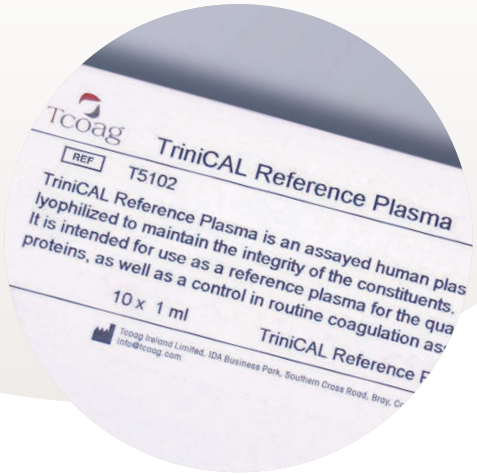
The AK Calibrant Set may be used to:

- Determine the patient's INR directly by establishing an INR calibration curve
- Determine the patient's Percent Activity directly by establishing a Percent Activity curve
- Determine a local ISI value of the measurement reagent/instrument system used in the PT test and PT normal plasma

Description of the kit:

- Four point curve for better discrimination across therapeutic range compared with other commercially available kits
- Level 1 corresponds to a normal PT
- Levels 2 through 4 correspond to increasing levels of coumadin anticoagulation
- Specificassignments provided for all PT Reagents for INR and % Activity
- Each level's INR is assigned using International Reference Preparation thromboplastin(s)

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
5010004	AK Calibrant	4 x 1 mL (1 x 4 levels)	4 hours at RT 6 hours at 15˚C 8 hours at 4 ˚C



TriniCAL Reference Plasmas

TriniCAL Reference Plasma is an assayed human plasma that has been lyophilised to maintain the integrity of the constituents. It is intended for use as a reference plasma for the quantitation of coagulation proteins and control in routine coagulation assays.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T5102	TriniCAL Reference Plasma	10 x 1 mL	2 hours at 2-8°C

TriniCAL Fibrinogen

TriniCAL Fibrinogen is a citrated lyophilised normal human plasma assigned and is specifically designed for use with the TriniCLOT Fibrinogen.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T5104	TriniCAL Fibrinogen	10 x 1 mL	1 day at 2-8°C

TriniCAL PC/PS

TriniCAL PC/PS is plasma intended for use as calibration plasma for the functionnal assays of protein C and protrein S by the clotting method.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T5105	TriniCAL PC/PS	6 x 1 mL	4 hours on board the Destiny Max

TriniCHECK Controls and Level

TriniCHECK Control Plasmas

TriniCHECK Control Plasmas are pooled citrated freeze-dried human plasmas which guarantee consistently accurate results. Convenient and reliable, TriniCHECK plasmas are the Quality controls of choice for your haemostasis laboratory.

- Freeze-dried human plasmas guarantee reliable and accurate results
- Convenient pack sizes
- Consistent value assignments from lot to lot

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY 2 - 8°C
	Assayed for all Routine and Specialty		
T4101	TriniCHECK Control 1	10 x 1 mL	24 hours
T4102	TriniCHECK Control 2	10 x 1 mL	24 hours
T4103	TriniCHECK Control 3	10 x 1 mL	24 hours
T4104	TriniCHECK Abnormal Control	10 x 1 mL	4 hours
	For TriniCLOT Lupus Screen & Confirm		
T4203	TriniCHECK Lupus Positive Control	6 x 1 mL	8 hours
T4111	TriniCHECK Level 1 (Unassayed)	10 x 1 mL	24 hours
	For TriniLIA D-Dimer		
T4303	TriniCHECK D-Dimer 1	4 x 1 mL	2 days
T4304	TriniCHECK D-Dimer 2	4 x 1 mL	3 days
T4305	TriniCHECK D-Dimer 3	4 x 1 mL	3 days
	For TriniLIA D-Dimer II		
T4306	TriniCHECK LIA Control N	12 x 1 mL	8 hours on board stability
T4306	TriniCHECK LIA Control ABN	12 x 1 mL	8 hours on board stability

Tcoag Control offering

PARAMETER	TRINICHECK CONTROL 1 (T4101)	TRINICHECK CONTROL 2 (T4102)	TRINICHECK CONTROL 3 (T4103)	TRINICHECK ABNORMAL CONTROL (T4104)	TRINICHECK D-DIMER 2 & 3 (T4304 & T4305)	TRINICHECK LIA CONTROLS (T4306)	TRINICHECK LUPUS POSITIVE CONTROL (T4203)
PT	✓	✓	✓				
APTT	✓	✓	✓				
FIB	✓			✓			
TT	✓			✓			
AT	✓			✓			
Factor II, V, VII & X	✓			✓			
Factor VIII, IX, XI & XII	✓			✓			
D-Dimer					✓		
D-Dimer II						✓	
Protein C	✓			✓			
Protein S	✓			✓			
Lupus							✓

Qualiris
by Stago

NEW Qualiris by Stago*

Qualiris by Stago* is an innovative, flexible international external quality control (EQC) program that can be tailored to individual requirements and scheduling needs, helping laboratories to fulfill regulatory requirements by regular, frequent proficiency testing.
This easy-to-use, web-based program is designed to complement existing quality assurance schemes by offering a broad range of routine and specialty coagulation tests, and is fully supported by Stago's dedicated Haemostasis experts.

- All Stago's expertise, competence and impartiality in an inter-laboratory comparison (ILC) program accredited ISO/IEC 17043 by Cofrac (French accreditation body)
- The answer to regulatory and accreditation applicable requirements
- The reference Haemostasis EQA program, with thousands of participants worldwide
- A wide range of parameters covering the entire working ranges with 4 plasma levels
- Available on automated analysers
- A customised program
- Simple and rapid interpretation of results

PART NUMBER	PRODUCT NAME	PACKAGING
01044	Qualiris QC Premium S1	12 x 1 mL
01045	Qualiris QC Premium S2	12 x 1 mL

*Availability upon country

NEW Ordering Information

TEST	MAIN REAGENT NAME		ADDITIONAL REAGENTS NEEDED		CALIBRANT		QC LEVEL 1		QC LEVEL 2	
PT	T1101	TriniCLOT PT HTF 20 mL			T5010004	AK Calibrant Optional	T4101	TriniCHECK Control 1	T4102	TriniCHECK Control 2
	T1102	TriniCLOT PT HTF 6 mL								
	T1103	TriniCLOT PT Excel S 20 mL								
	T1104	TriniCLOT PT Excel S 6 mL								
	T1106	TriniCLOT PT Excel 6 mL								
APTT	T1201	TriniCLOT APTT S 10 mL								
	T1202	TriniCLOT APTT S 3 mL								
	T1203	TriniCLOT APTT HS 10 mL	T1902	TriniCLOT Calcium Chloride 0.025 M						
	T1204	TriniCLOT APTT HS 3 mL								
	T1205	TriniCLOT Automated APTT 6 mL								
	T1206	TriniCLOT Automated APTT 3 mL								
Fib	T1301	TriniCLOT Fibrinogen kit					T4101	TriniCHECK Control 1	T4104	TriniCHECK Abnormal Control
	T1302	TriniCLOT Fibrinogen 6 mL	T1901	TriniCLOT Imidazole Buffer	T5104	TriniCAL Fibrinogen				
TT	T1411	TriniCLOT Thrombin Time 1 mL								
	T1414	TriniCLOT Thrombin Time 4 mL								
D-Di (DPlus)	T3101	TriniLIA D-Dimer		Isotonic Saline *(not sold by Tcoag)*			T4304	TriniCHECK D-Dimer 2	T4305	TriniCHECK D-Dimer 3
D-Di (DT 100 & DMax)	T3104	TriniLIA D-Dimer II	T1903	TriniCLOT Owren's Buffer			T4306	TriniCHECK LIA Control Set	T4306	TriniCHECK LIA Control Set
Factors	T1502	TriniCLOT Factor II		T1901 + Selected PT reagent	T5102	TriniCAL Reference Plasma	T4101	TriniCHECK Control 1	T4104	TriniCHECK Abnormal Control
	T1505	TriniCLOT Factor V								
	T1507	TriniCLOT Factor VII								
	T1510	TriniCLOT Factor X								
	T1508	TriniCLOT Factor VIII		T1901 + Selected APTT reagent T1902 to be added accordingly						
	T1509	TriniCLOT Factor IX								
	T1511	TriniCLOT Factor XI								
	T1512	TriniCLOT Factor XII								
Lupus	T1604	TriniCLOT Lupus Screen					T4111	TriniCHECK Level 1 *(unassayed)*	T4203	TriniCHECK Lupus Positive Control
	T1605	TriniCLOT Lupus Confirm								
PC	T1607	TriniCLOT PC II	T1902 T1903	TriniCLOT Calcium Chloride 0.025 M TriniCLOT Owren's Buffer	T5105	TriniCAL PC/PS II	T4101	TriniCHECK Control 1	T4104	TriniCHECK Abnormal Control
PS	T1608	TriniCLOT PS II								
AT	T2602	TriniCHROM Antithrombin IIa		Isotonic Saline *(not sold by Tcoag)*	T5102	TriniCAL Reference Plasma				
	T2603	TriniCHROM Antithrombin Xa								

TriniLIZE ELISA based Assays

TriniLIZE PAI-1 Antigen

TriniLIZE PAI-1 Antigen is an enzyme immunoassay (ELISA) for the quantitative determination of human plasminogen activator inhibitor, type 1 (PAI-1) antigen in human plasma.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T6003	TriniLIZE PAI-1 Antigen	Microtest strips: 6 strips PET Buffer: 1 vial PAI-1 Depleted Plasma: 1 vial, 0.5 mL PAI-1 Standard Plasma: 1 vial, 0.5 mL Conjugate: 1 vial, 7 mL Substrate: 1 vial, 2 mL Hydrogen Peroxide: 1 vial, 2 mL Reagent Reservoirs: 6 each	All components are stable for 1 month at 2-8°C

TriniLIZE PAI-1 Activity

TriniLIZE PAI-1 Activity assay is a bio immunoassay (BIA) for the quantitative determination of active human plasminogen activator inhibitor, type 1 (PAI-1) in human plasma.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T6004	TriniLIZE PAI-1 Activity	Microtest strips: 12 strips PET Buffer: 1 vial PAI-1 Standard Plasma: 0 IU/mL, 4 x 0.25 mL PAI-1 Standard Plasma: 50 IU/mL, 4 x 0.25 mL Conjugate: 1 x 5 mL HRP Substrate Solvent: 1 x 20 mL HRP Substrate: 4 tablets x 5 mg Reagent Reservoirs: 6 each	Microtest Strip: 1 month at 2-8°C PET Buffer: 1 month at 2-8°C PAI-1 Standards: 4 hours 2-8°C Conjugate: 1 month at -20°C HRP Substrate Solvent: 1 month at 2-8°C HRP Substrate: 1 month at 2-8°C

TriniLIZE tPA/PAI Depleted Plasma RUO

TriniLIZE tPA/PAI Depleted Plasma: tPA antigen and PAI-1 antigen were removed by absorption with immobilized anti-tPA immunoglobulins and anti-PAI-1 immunoglobulins. *For Research Use Only.*

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T6007	TriniLIZE tPA/PAI Depleted Plasma	5 vials	2 weeks at -20°C

TriniLIZE PAI Activity Control RUO

To control the accuracy of PAI-1 activity determinations using the TriniLIZE PAI-1 Activity (T6004) kit. A range of activity controls are provided in the kit, from approximately 4 IU/mL to 40 IU/mL. *For Research Use Only.*

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T6008	TriniLIZE PAI Activity Control	0.5 mL x 4 levels	Store reconstituted vials frozen at -20°C or colder

Fibrinolysis Reference Plasma RUO

For Research Use Only. The Fibrinolysis Reference Plasma is intended to be used to verify the performance and accuracy of the following products:

- TriniLIZE tPA Activity (T6002)
- TriniLIZE PAI Activity (T6004)
- TriniLIZE PAI-1 Antigen (T6003)

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
T6010	Fibrinolysis Reference Plasma	5 vials x 0.5 mL	Use within 30 minutes

Platelet Aggregation Reagents

Ristocetin Cofactor Assay

The **Ristocetin Cofactor Assay** is used for the quantitative determination of Factor VIII Ristocetin Cofactor activity in plasma.

Von Willebrand disease is associated with a decrease in Von Willebrand factor or Ristocetin Cofactor activity and it is generally accepted that the Ristocetin Cofactor activity is the most useful *in vitro* assay for the diagnosis of Von Willebrand disease. Levels of Ristocetin Cofactor activity are determined by the ability of the test plasma and Ristocetin to induce aggregation in a standardised platelet suspension.

Lyophilised platelets are a preparation of fixed human platelets which have been lyophilised for long-term stability. Each vial of lyophilised platelets is reconstituted with the appropriate volume of Tris Buffered Saline to yield a platelet count of approximately 275,000 per µL.

• Provided as a kit and as separate components.

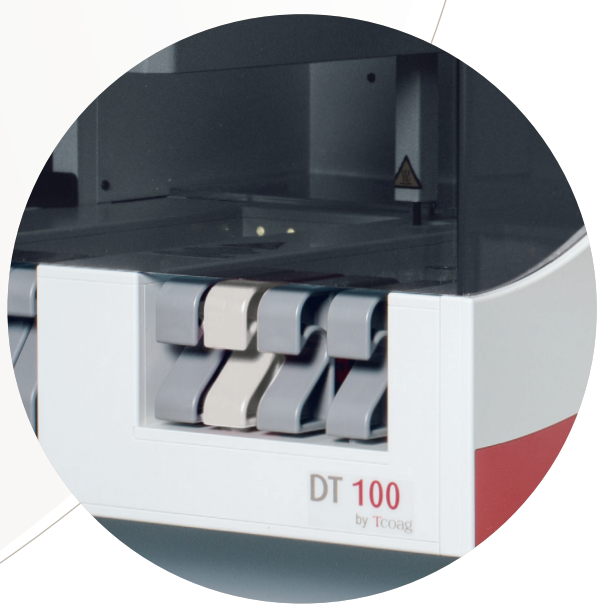
PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
50750	Ristocetin Cofactor Assay	Ristocetin 7.5 mg/vial lyophilised Human Platelets 6 mL Von Willebrand Reference Plasma: Normal 1 mL Von Willebrand Reference Plasma: Deficient 0.5 mL Tris Buffered Saline (TBS) 12 mL	Ristocetin: 7 days at 2-8°C Lyophilised Human Platelets: 8 days at 2-8°C Von Willebrand Reference Plasma, Normal: 4 hours at 2-8°C Von Willebrand Reference Plasma, Deficient: 4 hours at 2-8°C Tris Buffered Saline (TBS): until expiration date
50705	Ristocetin 7.5 mg/vial	10 x 0.5 mL	7 days at 2-8°C
50710	Platelets	3 x 6 mL	8 days at 2-8°C

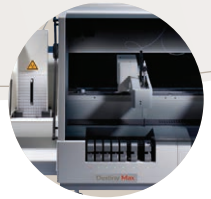
Platelet Agonists

Both quantitative and qualitative platelet defects can result in altered Haemostasis. We provide the common agonists ADP to assess normal platelet function and aid in the diagnosis of platelet function defects by way of Platelet Aggregometry.

Ristocetin is a lyophilised reagent derived from *Norcardia lurida* which induces platelet aggregation in normal Platelet Rich Plasma (PRP). In Von Willebrands disease, Ristocetin-induced platelet aggregation is impaired.

PART NUMBER	PRODUCT NAME	PACKAGING	STABILITY
50704	ADP	3 x 0.5 mL	30 days at 2-8°C


DT 100
by TCOag



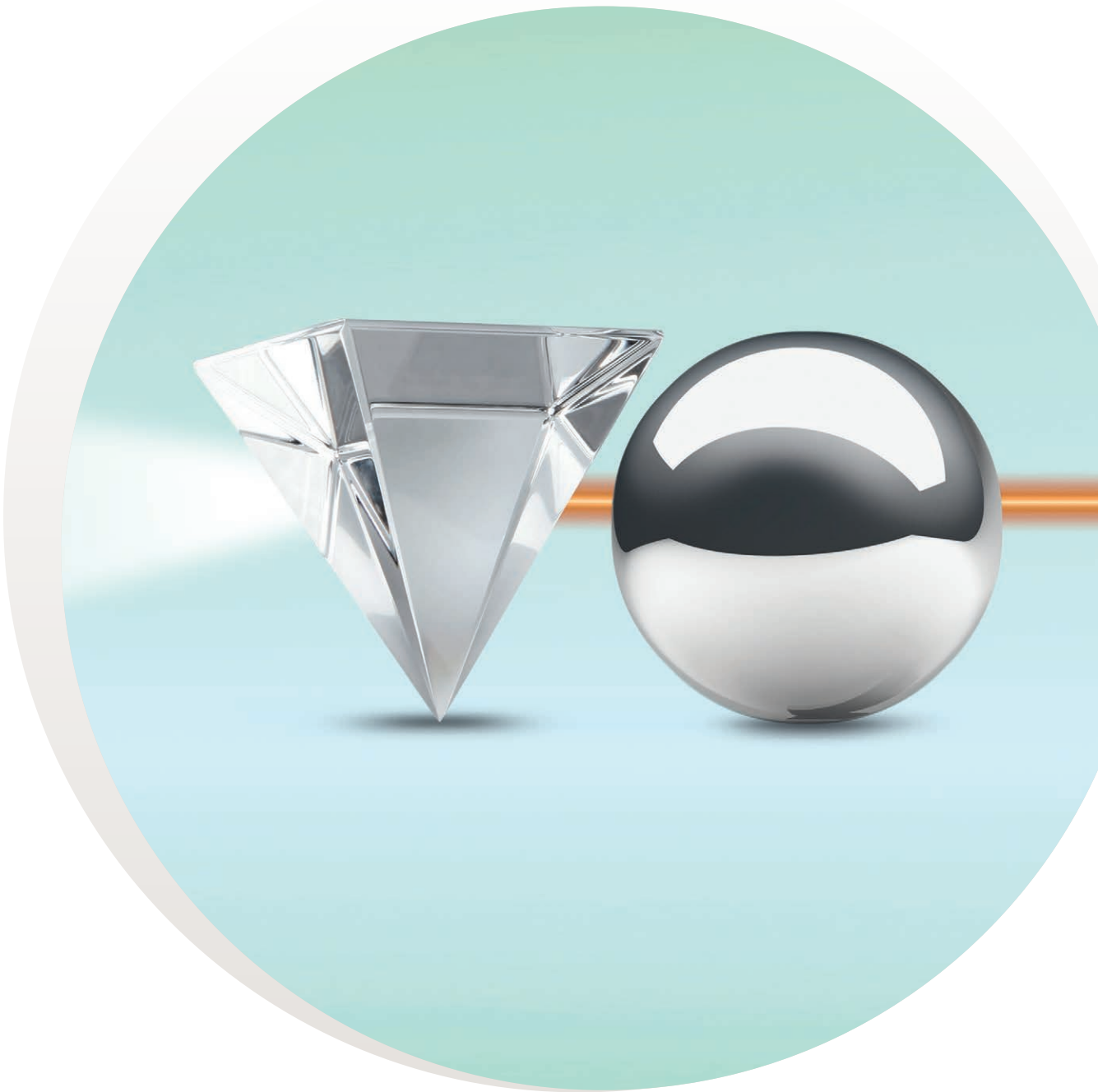
Instruments, Softwares and Consumables

DT 100

Destiny Max

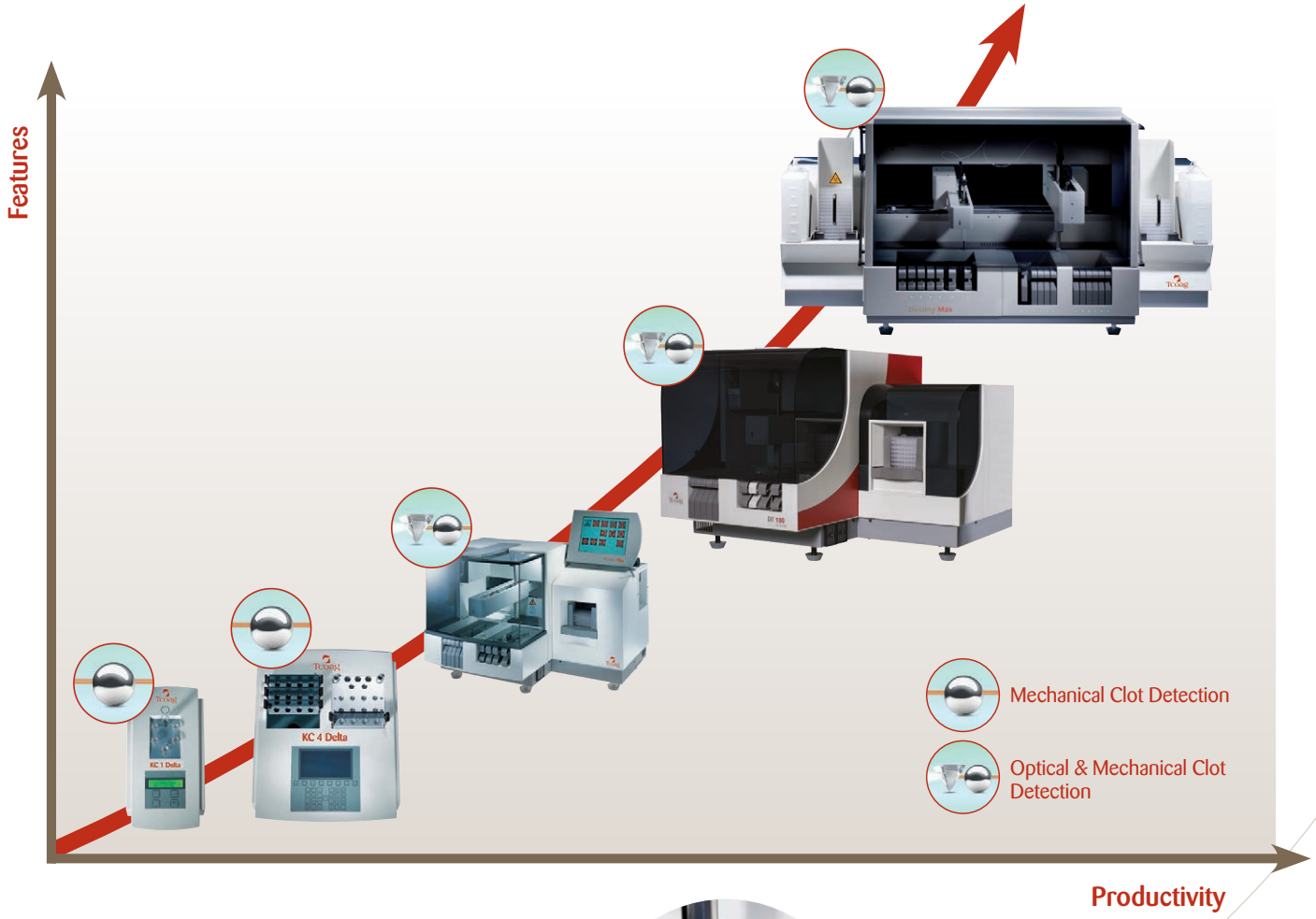
KC4 Delta

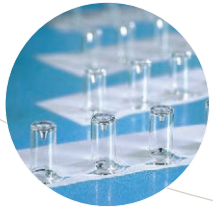
KC1 Delta



The Tcoag Family of Instrumentation

By offering unparalleled flexibility in our analyzer selection, the choice is truly yours…





DT 100

So Small, So Smart, So Fast

Newcomer to the Tcoag Instrument Line, DT 100 is an analyser designed for mid-volume throughput labs. With new hardware design, improved ergonomics and new software, the DT 100 will optimise your productivity and bring expertise to every lab.

Unique Dual Technology

Smart Sample Handling

- Rack continuous loading to ensure maximum productivity
- Optimised pipetting for precious samples
- True STAT management

Optimized Reagent Management

- Continuous loading and unloading
- Tilted vial for low dead volume
- Information about remaining volume, number of tests, expiration date and on-board stability
- Positive barcode identification for reagents thanks to the Unique VIN (Vial Identifier Number)

Unique Patented Cuvette Plate

- Optimised 4x4 cuvette processing
- 1 cuvette = 1 test
- All-in-one reaction plate

Software with coagulation expertise

- Smart result management with reflex testing and auto-validation
- Fully automated factor parallelism testing and graphical display
- Comprehensive QC monitoring, Westgard rules and Levey-Jennings
- User interface standardized with the Destiny Max

What is Dual Technology?

Mechanical Measuring Mode

- TRUE mechanical detection system the “Gold standard”
- Developed and perfected by Amelung

Optical Measuring Mode

- For Clotting, Chromogenic and Immunoturbidimetric tests
- Wavelengths 340 nm, 405 nm, 635 nm, 705 nm

Benefits of Dual Technology

With Mechanical Mode:

Reliable and accurate results on compromised samples (icteric, haemolytic, lipemic)

With Optical Mode:

Visualisation of the clotting curve

- Several parameters available (Min1, Min 2, Max2, etc.)
- High diagnosis potential (Haemophilia, Lupus anticoagulant, DIC, etc.)

DT 100: The best of both technologies

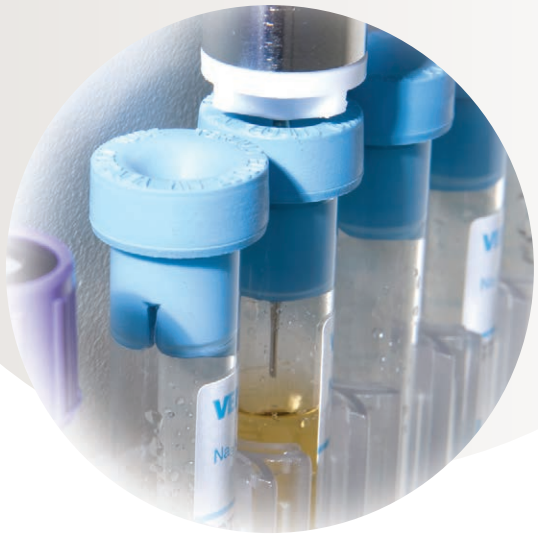
PART NUMBER	DESCRIPTION	PACKAGING
H02000 PACK	DT 100 complete with starter kit, PC, Touch Screen Monitor	1
	Consumables	
DTW	DT Wash	24 x 15 mL
Z04050	Destiny Cuvette Trays	set of 100
DTF	DT Fluid	6 x 2.5 L
626060-01	1.5 mL Containers	100
242360	Stirring Magnet	10
626065	Plastic Reagent Vessel 12 mL	100

Destiny Max

High Throughput Coagulation Analyser

Offering one of the highest throughput on the market, the Destiny Max has been fully designed for high volume laboratories. Its new software features will provide an intuitive, multitasking functionality and flexibility, enabling convenient operation with continuous sample processing. Sample and reagent management have been additionally enhanced and streamlined thanks to optimisation of our cap piercing module.

Unique Dual Technology



Comprehensive reagent management

- 55 on board reagents with 50 in cooling area and 8 stirred position
- Real continuous loading with Positive identification of reagents thanks to the Unique VIN (Vial Identifier Number)
- Monitoring of reagent volume, expiry and on board stability
- Multiple vials of same reagent for high workload testing

Safety and ease of use

Results are independent of the type of sample tube and make validation easier and faster.

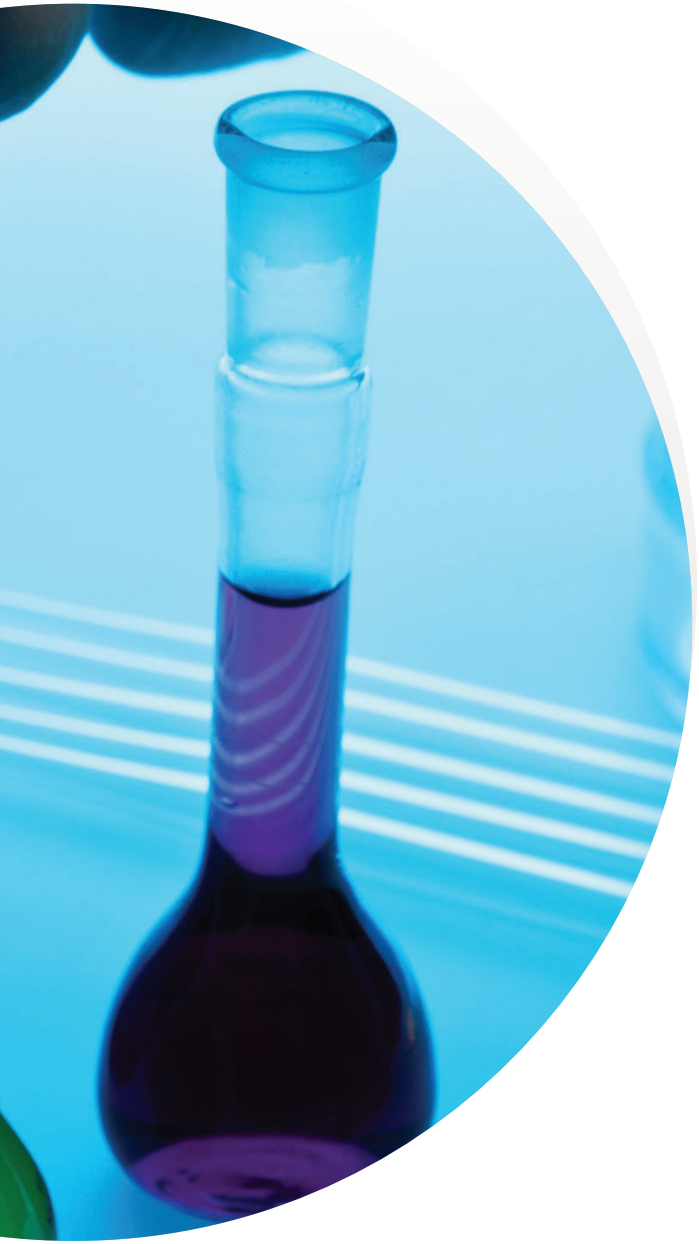
- Open and closed tubes combined on the same rack
- Convenient for all tubes including paediatric and Eppendorf
- Guaranteed accuracy of sample volume
- Optimised walk-away capacity with continuous loading of samples, reagents, cuvettes and system fluid and continuous unloading of solid and liquid waste

Multiple Measuring Technologies

Destiny Max gives you the flexibility to choose mechanical or optical clotting method.

Multiple Measuring Technologies

- Clotting, Chromogenic and Immunoturbidimetric
- Wavelengths 340 nm, 405 nm, 635 nm, 705 nm
- Multiple simultaneous wavelength detection
- Reliable, accurate results on compromised samples - icteric, haemolytic and lipemic using Mechanical Clot detection



Flexible Software and Result Management

- Intuitive touch screen ICON driven software
- True multitasking system
- Comprehensive QC monitoring, Westgard rules and Levey-Jennings
- Complete traceability and software security
- Factor parallelism and reflex testing
- Real time system monitoring
- User interface standardized with the DT 100

Destiny Max Instrument and Consumables

PART NUMBER	DESCRIPTION	PACKAGING
M01000PACK	Destiny Max complete with starter kit, PC, Touch Screen Monitor and Printer	1
	Consumables	
DTW*	DT Wash	24 x 15 mL
Z04050*	Destiny Cuvette Trays	set of 100
DTF	DT Fluid	6 x 2.5 L
626050*	Glass Vessel for Buffer/Reag./CaCl 20 mL	81
626065*	Plastic Reagent Vessel 12 mL	100
626060-01*	1.5 mL Containers	100
242360	PTT Stirring Magnet	10

* References also available for Destiny Plus

KC4 Delta and KC1 Delta

Semi Automated Coagulation Analyser

KC4 Delta and KC1 Delta are semi automated coagulation analysers with four or one test position(s), respectively, providing operators with a compact easy to use system. KC Delta series instruments use micro-mechanical clot detection technology for clotting assays.

Technology

- "Gold standard" mechanical detection
- Pipette auto start testing
- LCD display and optional printing of results
- Programmable test modes, single or duplicate testing

Measuring Features

- Store reagent ISI values for automatic INR calculation including calibration curves
- Preparation and incubation area for samples and reagents
- Suitable for STAT and routine testing
- Test menu for PT, APTT, Fibrinogen, Factors
- Maintenance free operation

KC4 Delta Instrument and Consumables

PART NUMBER	DESCRIPTION	PACKAGING
N04000PACK	KC4 Delta complete with starter kit (H12 x L45 x W35 cm) (6.4 kg)	1
	Consumables	
Z04140	Strips of 4 packed micro cuvettes with ball inside cuvette for KC4 Delta	150 x 4
Z05111	Bulk cuvettes for KC4 Delta with balls packed separately in a ball dispensor	2000
	Optional Printers	
Z09165	Printer set KC4 Delta 230 /110 V	1
	Printer Consumables	
852015	KC Delta Thermal Printer Paper	1

KC1 Delta Instrument and Consumables

PART NUMBER	DESCRIPTION	PACKAGING
G05000PACK	KC1 Delta complete with starter kit (H8 x L21 x W14 cm) (1.2 kg)	1
	Consumables	
Z05100	Bulk cuvettes for KC1 Delta with balls packed separately without ball dispensor	1000
Z01000	Ball Dispenser for Z05100	1
	Optional Printers	
Z09160	Printer Set KC1 Delta 230 /110 V	1
	Printer Consumables	
852015	KC Delta Thermal Printer Paper	1

For further information, please contact:

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