2018

FUTURA SYSTEM GROUP SRL

IVD AND MEDICAL DEVICES

Azienda certificata UNI EN ISO 9001:13485

Catalogue

Diagnostics and Reagents for Clinical Laboratories

an Italian Company

Index

Biolis 50i New

Fully Automated Clinical Analyzer

Biolis 50i is an automated Clinical analyzer with higher test performance and operability for Chemical Chemistry tests.

Futura System Group s.r.l. has certified all its reagents line on Biolis 50i and provides dedicated packaging with barcode.

Throughput

480 tests/hour for photometry
580 tests/hour with ISE

Main features

- Automatic Sample's Pre-dilution
- Reagent tray: R1: 36 position; R2: 35 position. R1: 70 ml – 35 ml R2: 20 ml
- Reagent Tray Refrigeration under 10 degree
- 72 samples on board
- Easy touch screen operation
- Full-featured interface
- STAT sample available
- Clot detector and automatic cleaning of sample probe
- Dedicated ISE sample probe
- Sample kind: Serum, Plasma, Urine, CSF, Blood cells, Dialisys
- Sample and reagents barcode reader
- Reaction volume reduction to 100 µl.. Analysis volume 100-300 µl
- 12 fixed wavelengths (340, 380, 405, 450, 505, 546, 570, 600, 660, 700, 750, 800 nm)
- Tungsten halogen lamp

Dimension

W1050 x D750 x H1145 (mm)

Weight

300 kg

Power input

AC100/115/230V±10%, 50/60Hz
Voltage fluctuation: Less than 10%

Ambient conditions

15°C - 30°C

Fully Automated Clinical Analyzer

Biolis 30i

Biolis 30i is the latest automated analyser for Chemical Chemistry model of Biolis series.

It is a fully automated, bench-top use clinical analyser developed and manufactured in Japan.
New functions has been developed as Sample clot detection, Crash prevention.

Futura System Group s.r.l. has certified all its reagents line on the instrument.

Throughput
270 tests/hour 450 tests/hour with ISE

Main features

- Automatic Sample's Pre-dilution
- Reagent tray: R1: 36 position; R2: 35 position.
- Reagent tray Cooling temperature: 8-12˚C
- 30 samples on board for samples and 45 for standards and blank samples
- Space-saving compact desktop design
- Easy-to-use software
- Small and Bench-Top, Air pressure mixing
- Fully featured in compact design
- STAT sample available
- Sample kind: Serum, Plasma, Blood cell, Urine, Dialysis, CSF
- Bar code reader supported
- 13 fixed wavelengths (340 – 800nm)
- Cuvette auto washing with heated water and 2 kinds of washing solutions

New functions:
Sample clot detection
Crash prevention

Dimension
80 x 67 x 55.5 cm

Weight
95 kg

Power input
100/115/230 volt (50-60 Hz)

Ambient conditions
15°C – 30°C

Reagents

Product	Ref	Packaging
Total and Prostatic Acid Phosphatase Increasing kinetic colorimetric method according to Hillmann. Prefilled Buffer in 2 mL vials, Tartrate reagent liquid and ready to use, Substrate Fast Red as tablets to dissolve in the Buffer. Working Solution stability of 2 days at 2-8° C. Specific for serum (avoid plasma).	2077	19 Buffer x 2 ml 1 Substrate x 19 Tablets 1 Tartrate
Albumin Chemical colorimetric method with Bromcresol Green (BCG), reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum or plasma. Standard (1x5 ml) liquid and ready to use included.	2012 2010 HH2013 B24-2013	6x100 ml 2x250 ml 3 x 60 ml 5 x 40 ml
Alkaline Phosphatase Increasing kinetic colorimetric method according to DGKC recommendation. DEA Buffer. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 10 days at 2-8°C). Sample: serum or plasma.	2075 2076 HH2074 B24-2074	R1 5x80 ml + R2 1x100 ml R1 5x40 ml + R2 1 x 50 ml R1 6x60 ml + R2 6 x 15 ml R1 8x24 ml + R2 8 x 6 ml
ALT GPT Decreasing kinetic UV method according to IFCC recommendation. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 10 days at 2-8°C). Sample: serum or plasma.	2615 2616 HH2617 B24-2617	R1 5x80 ml + R2 1x100 ml R1 5x40 ml + R2 1 x 50 ml R1 6x60 ml + R2 6 x 15 ml R1 8x24 ml + R2 8 x 6 ml
AST GOT Decreasing kinetic UV method according to IFCC recommendation. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 10 days at 2-8°C). Sample: serum or plasma.	2515 2516 HH2517 B24-2517	R1 5x80 ml + R2 1x100 ml R1 5x40 ml + R2 1 x 50 ml R1 6x60 ml + R2 6 x 15 ml R1 8x24 ml + R2 8 x 6 ml
Alpha Amylase Increasing kinetic colorimetric method. Substrate CNP-G3. Stable, liquid and ready to use monoreagent. Sample: serum, plasma or diluted urine.	2127 HH2128 B24-2128	10x10 ml 5 x 20 ml 6 x 40 ml
Total Bilirubin Chemical colorimetric, modified Jendrassik and Groft method, reading in end point. Stable, liquid and ready to use reagents (4+1 ratio). Used as two-reagents for automation with **sample starter or as monoreagent preparing a working solution** (stability of 24 hours at room temperature). Calculation by calibration using multiparametric CHEMISTRY CALIBRATOR. Sample: serum or plasma.	2023 2024	R1 5x40 ml + R2 1 x 50 ml R1 5x80 ml + R2 1x100 ml
Total Bilirubin Chemical colorimetric DPD method, reading in end point sample blank. Stable, liquid and ready to use reagents (4+1 ratio). Dedicated line for automation. Calibration with multiparametric CHEMISTRY CALIBRATOR. Storage at 2-8°C. Sample: serum or plasma.	HH2021 B24-2021	R1 6x60 ml + R2 6x15 ml R1 8x24 ml + R2 8 x 6 ml
Direct Bilirubin Chemical colorimetric, Diazo with Sulphanilic Acid method, reading in end point. Stable, liquid and ready to use reagents (4+1 ratio). Used as two-reagents for automation with **sample starter or as monoreagent preparing a working solution** (stability of 24 hours at room temperature). Calculation by calibration using multiparametric CHEMISTRY CALIBRATOR. Sample: serum or plasma.	2026	R1 5x40 ml + R2 1x50 ml
Direct Bilirubin Chemical colorimetric, reading in end point sample blank. Stable, liquid and ready to use reagents (4+1 ratio). Dedicated line for automation. Calibration with multiparametric CHEMISTRY CALIBRATOR. Storage at 2-8°C. Sample: serum or plasma.	HH2028 B24-2028	R1 2x60 ml + R2 2x15 ml R1 4x20 ml + R2 4 x 5 ml

Product	Ref	Packaging
Calcium Arsenazo III Chemical colorimetric method with Arsenazo III, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum, plasma or diluted urine. Standard (1x10 ml) liquid and ready to use included.	2034 2035 HH2036 B24-2036	6x100 ml 2x250 ml 8 x 60 ml 4 x 40 ml
Chlorides Chemical colorimetric method with Mercurious Thiocyanate, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum, plasma, cerebrospinal fluid (CSF) or diluted urine. Standard (1x10 ml) liquid and ready to use included.	3006 HH3009 B24-3009	6x50 ml 8x60 ml 6x40 ml
Total Cholesterol Enzymatic colorimetric method according to Trinder, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum or plasma. Standard (1x5 ml) liquid and ready to use included.	2049 2040 HH2047 B24-2047	6x100 ml 6x 50 ml 8x 60 ml 6x 40 ml
Direct HDL Cholesterol Direct enzymatic colorimetric method, reading in end point. Stable, liquid and ready to use reagents (3+1 ratio). For automation. Sample: serum or plasma. Calibrator is separately supplied as HDL-LDL CHOLESTEROL CALIBRATOR (REF 3276 - 2x1 ml).	2061 2060 HH2063 B24-2063	R1 1x90 ml + R2 1x30 ml R1 1x60 ml + R2 1x20 ml R1 1x60 ml + R2 1x20 ml R1 7x24 ml + R2 7x 8 ml
HDL Cholesterol PEG 6000 Precipitation by PEG addition. Stable, liquid and ready to use monoreagent. Standard (1x5 ml) liquid and ready to use included. To use with Total Cholesterol kit.	2039	6x50 ml
Direct LDL Cholesterol Direct enzymatic colorimetric method, reading in end point. Stable, liquid and ready to use reagents (3+1 ratio). For automation. Sample: serum or plasma. Calibrator is separately supplied as HDL-LDL CHOLESTEROL CALIBRATOR (REF 3276 - 2x1 ml).	3278 3277 HH3279 B24-3279	R1 1x60 ml + R2 1x20 ml R1 1x30 ml + R2 1x10 ml R1 2x30 ml + R2 2x10 ml R1 7x24 ml + R2 7x 8 ml
Cholinesterase Decreasing kinetic colorimetric method according to DGKC '94 recommendation. Substrate: Butyrylthiocholine and Hexacyanoferrate III. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 7 days at 2-8°C). Sample: serum or plasma.	2105 2104 HH2106 B24-2106	R1 5x40 ml + R2 1x50 ml R1 5x 8 ml + R2 1x10 ml R1 3x40 ml + R2 2x15 ml R1 4x24 ml + R2 4x 6 ml
Dibucaine Auxiliary reagent for Cholinesterase to determine Dibucaine Number. Liquid, stable and ready to use monoreagent.	2661	10x10 ml
CK-NAC Increasing kinetic UV method according to IFCC/DGKC recommendation. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 10 days at 2-8°C). Sample: serum or plasma.	7006 7066 HH7067 B24-7067	R1 5x40 ml + R2 1x50 ml R1 5x 8 ml + R2 1x10 ml R1 3x40 ml + R2 2x15 ml R1 2x24 ml + R2 2x 6 ml
CK-MB Increasing kinetic UV method after immunoinhibition of CK-M monomer. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution. Sample: serum or plasma.	7068 HH7068 B24-7068	R1 5x8 ml + R2 1x10 ml R1 1x48 ml + R2 1x12 ml R1 2x24 ml + R2 2x 6 ml
Copper Chemical colorimetric method with 3,5-di-Br-PAESA, reading in end point. Stable, liquid and ready to use reagents (1+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution. Sample: serum. Standard (1x10 ml) liquid and ready to use included.	5401	R1 6x9 ml + R2 1x6 ml

Reagents

Product	Ref	Packaging
Creatinine Increasing kinetic colorimetric method according to Jaffè (alkaline picrate), without deproteinization. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 5 hours at 15-25° C). Sample: serum, plasma or diluted urine. Standard (1x10 ml) liquid and ready to use included.	2055 HH2055 B24-2055	R1 5x80 ml + R2 1x100 ml R1 6x60 ml + R2 6x 15 ml R1 8x24 ml + R2 8x 6 ml
Creatinine enzymatic New Enzymatic colorimetric method. Stable, liquid and ready to use reagents (3+1 ratio). Two-reagents use, on board stability and calibration stability: 30 days. Sample: serum, plasma or diluted urine. Standard (1x10 ml) liquid and ready to use included.	HH2056 B24-2056	R1 6x60 ml + R2 6x 20 ml R1 6x24 ml + R2 6x 8 ml
Gamma-GT Increasing kinetic colorimetric method. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 10 days at 2-8°C). Sample: serum or plasma.	3026 3027 HH3028 B24-3028	R1 5X40 ml + R2 1x50 ml R1 5X 8 ml + R2 1x10 ml R1 6X60 ml + R2 6x15 ml R1 8x24 ml + R2 8x 6 ml
Glucose Enzymatic colorimetric method according to Trinder, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum, plasma or diluted urine. Standard (1x5 ml) liquid and ready to use included.	2092 2089 2088 HH2093 B24-2093	6x500 ml 6x100 ml 2x250 ml 8x 60 ml 6x 40 ml
Glyco Haemoglobin Chemical colorimetric method with ion exchange resin to separate glyco-haemoglobin (A1). Reading in end point. Reaction requires the pre-treatment of samples (hemolyzed and diluted whole blood). Manual testing. Complete kit (prefilled tubes, lysing reagent, calibrator, tubes and separator filters). ***For HbA1c testing by immunoturbidimetric method, see inside IMT section.***	4555	20 tests
Iron Ferene Chemical colorimetric method with Ferene, reading in end point. Stable, liquid and ready to use reagents (4+1 ratio). Sample: serum. Standard (1x10 ml) liquid and ready to use included.	2909 2908 HH2910 B24-2910	R1 5x80 ml + R2 1x100 ml R1 5x40 ml + R2 1x 50 ml R1 6x60 ml + R2 6x 15 ml R1 8x24 ml + R2 8x 6 ml
TIBC - Total Iron Binding Capacity Auxiliary reagent for iron assay. Stable, liquid and ready to use monoreagent. Saturation method. Complete kit of adsorbent powder and disposable to dose.(Spoon)	2999	R1 1x110 ml + R2 1x30 gr
LDH-P Decreasing kinetic UV method according to SFBC recommendation (P-->L) . Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 10 days at 2-8°C). Sample: serum or plasma.	3116 3166 HH3167 B24-3167	R1 5x40 ml + R2 1x50 ml R1 5x 8 ml + R2 1x10 ml R1 2x60 ml + R2 2x15 ml R1 4x24 ml + R2 4x 6 ml
Lipase Color Increasing direct kinetic colorimetric method. Stable, liquid and ready to use reagents (5+1 ratio). Can be used as two-reagents for automation. Sample: serum or plasma. Calibrator (1x1 ml) lyophilized and stable 7 days after reconstitution included .	3254 HH3254 B24-3254	R1 4x10 ml + R2 1 x 8 ml R1 2x50 ml + R2 2x10 ml R1 4x25 ml + R2 4 x 5 ml
Magnesium Chemical colorimetric method with Xylidyl Blue, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum, plasma, cerebrospinal fluid (CSF) or diluted urine. Standard (1x10 ml) liquid and ready to use included only in the kit HH5104.	HH5104 B24-5103	5x30 ml 6x40 ml
Magnesium UV New Enzymatic method, kinetic reading in UV. Stable, liquid and ready to use bi-reagent. Sample: serum, plasma and diluted urine. Standard (1x10 ml) liquid and ready to use included only in the kit HH5105.	HH5105 B24-5105	R1 2x60 ml + R2 2x15 ml R1 4x24 ml + R2 4 x 6 ml

Reagents

Product	Ref	Packaging
Homocysteine Enzymatic Enzyme cycling method, kinetic reading in UV. Stable, liquid and ready to use reagents. Sample: serum or plasma. Calibrators, liquid and ready to use, are included (LIV [0 µmol/L] 1x3 ml + LIV [28 µmol/L] 1x3 ml).	HH7071 B24-7071	R1 1x30 ml + R2 1x5 ml R1 2x15 ml + R2 1x5 ml
Potassium Chemical turbidimetric method with Tetraphenylborate, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum or heparinized plasma. Standard (1x5 ml) liquid and ready to use included.	3502 HH3503 B24-3503	1x50 ml 4x60 ml 6x40 ml
Phosphorus Chemical UV method with Ammonium Molybdate, without deproteinization, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum, plasma or diluted urine. Standard (1x5 ml) liquid and ready to use included.	2405 HH2406 B24-2406	6x50 ml 8x60 ml 6x40 ml
Sodium New Increasing kinetic enzymatic method by activation of b-Galactosidase enzyme with ONPG (O-nitrophenyl -ß-D-galactopyranose) substrate. Liquid and ready to use reagents. Sample: serum. Standard (1x5 ml) liquid and ready to use included.	HH3500 B24-3500	R1 2x28 ml + R2 2x14 ml R1 2x24 ml + R2 2x 12 ml
Total Protein Chemical colorimetric method with Biuret reaction, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum or plasma. Standard (1x5 ml) liquid and ready to use included.	2091 2090 HH2098 B24-2098	6x100 ml 2x250 ml 8x 60 ml 6x 40 ml
Proteins in Urine Chemical colorimetric method with Pyrogallol Red, reading in end point. Stable, liquid and ready to use monoreagent. Sample: urine or cerebrospinal fluid (CSF). Standard (1x5 ml) liquid and ready to use included.	2097 HH2099 B24-2099	6x50 ml 8x60 ml 6x40 ml
Triglycerides Enzymatic colorimetric method according to Trinder, reading in end point. Stable, liquid and ready to use monoreagent. Sample: serum or plasma. Standard (1x5 ml) liquid and ready to use included.	2704 2703 HH2705 B24-2705	6x100 ml 6 x 50 ml 8 x 60 ml 6 x 40 ml
Urea UV Decreasing enzymatic kinetic UV method. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 10 days at 2-8°C). Sample: serum, plasma or diluted urine. Standard (1x5 ml) liquid and ready to use included.	2806 2805 HH2807 B24-2807	R1 5x80 ml + R2 1x100 ml R1 5x40 ml + R2 1x 50 ml R1 6x60 ml + R2 6x 15 ml R1 8x24 ml + R2 8x 6 ml
Uric Acid Enzymatic colorimetric method according to Trinder, reading in end point. Stable, liquid and ready to use reagents (4+1 ratio). Sample: serum, plasma or diluted urine. Standard (1x5 ml) liquid and ready to use included.	2206 2207 HH2208 B24-2208	R1 5x80 ml + R2 1x100 ml R1 5x40 ml + R2 1x 50 ml R1 6x60 ml + R2 6x 15 ml R1 8x24 ml + R2 8x 6 ml
Zinc Chemical colorimetric method, reading in end point. Stable, liquid and ready to use reagents (4+1 ratio). Can be used as two-reagents for automation or as monoreagent preparing a working solution (stability of 15 days at 2-8°C). Sample: serum or plasma. Standard (1x5 ml) liquid and ready to use included.	5403	R1 5x8 ml + R2 1x10 ml

*The **REF** that begins with **HH** has the packaging suitable for the most common automatic analyzers and specific barcode for Tokyo Boeki **Biolis 50i** and, on request, the barcodes for **Hitachi 911-912-917**.*

*The **REF** with **B24** has the dedicated packaging and barcode for Tokyo Boeki **Biolis 24i** and **Biolis 30i**, with 36 postions plate reagents .The codes HH and B24 don't include Chemical Standard.*

*Futura System Group Clinical Chemistry Reagents work successfully on the most common automatic analyzers in the market. Specific applications are available for the most common clinical chemistry instruments and can be required at **info@futurasystem.it** or to your local distributor.*

Calibrators and Controls

Product	Ref	Packaging
Chemistry Calibrator Multi parametric calibrator for clinical chemistry (enzymes, substrates and electrolytes). Human matrix. Lyophilized.	6010	10x5 ml
Chemistry Control N Control sera for clinical chemistry (enzymes, substrates and electrolytes). Human matrix. Normal values. Lyophilized.	4010	10x5 ml
Chemistry Control P Control sera for clinical chemistry (enzymes, substrates and electrolytes). Human matrix. Abnormal values. Lyophilized.	5010	10x5 ml
HDL-LDL Cholesterol Calibrator Lyophilized calibrator for Direct HDL Cholesterol and Direct LDL Cholesterol. Human matrix.	3276	2x1 ml
Lipidic Control Three level controls kit for HDL Cholesterol and LDL Cholesterol. Lyophilized, human matrix.	7000	3x3 ml
Homocysteine Control Four levels control for Homocysteine.	8012	4x3 ml
CK-MB Control Lyophilized control for CK-MB	8020	1x2 ml

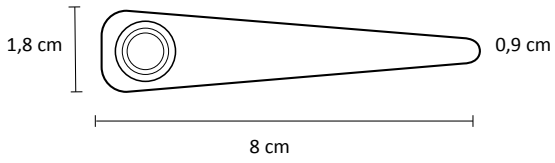
Wash Solutions

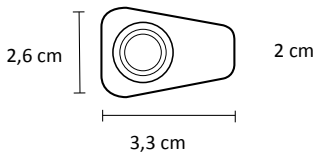
Product	Ref	Packaging
Washing Solution Daily Cuvettes wash solution, liquid and ready to use: used for the daily washing of both the cuvettes and the flow cells within the automatic instruments.	B001	1x1000 ml
Extra Washing Solution Extra wash solution, liquid and ready to use: used for the extra wash of both the cuvettes and the flow cells within the automatic instruments.	B002	2x100 ml
Surfactant (Concentrated) Surfactant concentrated solution used in order to facilitate a better flow of liquids in the hydraulic circuits.	B003	2x50 ml
Washing Solution for Urine Analyzers Cleaning solution for urine analyzers, liquid and ready to use, best for washing the hydraulic circuits of automatic urine analyzers.	B004	1x1000 ml
Detergent Solution 45 Detergent solution 45 used for systemic wash of the cuvettes within the automatic instruments. Dilute with distilled water (1 part of detergent solution 45 + 9 parts of distilled water).	B005	1x1000 ml

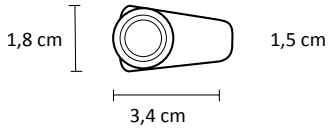
Vial / Instrument Reference Table

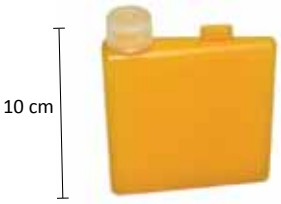
The Reagents are distributed in standard round vials for general purpose and in special dedicated and barcoded vials for Automatic Analyzers Instruments.

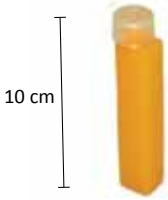
Products with Ref HHxxx :







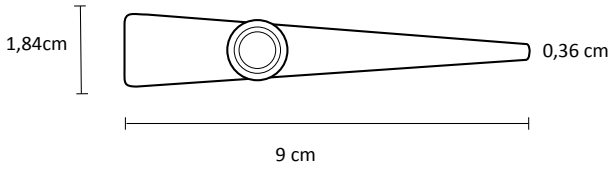


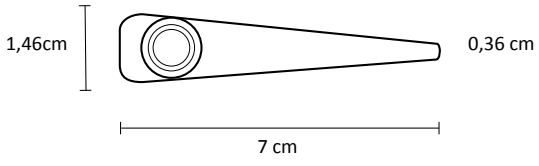


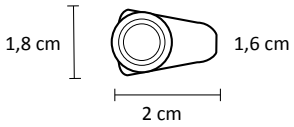
Vial for:
Biolis 50i
Hitachi
911
912
917
Dirui
T240
CS300
CS400
CS600
Beckman Coulter
Olympus
AU400
AU480
AU600
AU680

Products with code HH xxxx are barcoded for Biolis 50i and for Hitachi 911 /912 /917 on request

Products with Ref B24xxx :







Vial for:
Biolis 24i
Biolis 30i

Products with code B24-xxxx are barcoded for Biolis 24i and Biolis 30i and fit the reagent plate at 36 positions.

Reagents, Calibrators and Controls Reference Table

Product	Ref	Packaging	Liq. STD in the kit	CAL	CTR
Total and Prostatic Acid Phosphatase	2077	19 Buffer x 2 ml 1 Substrate x 19 Tablets 1 Tartrate	NA	6010	4010-5010
Albumin	2012	6x100 ml	5 ml	6010	4010-5010
	2010	2x250 ml	5 ml	6010	4010-5010
	HH2013	3x60 ml	Not included in the kit	6010	4010-5010
	B24-2013	5x40 ml	Not included in the kit	6010	4010-5010
Alkaline Phosphatase	2075	R1 5x80 ml + R2 1x100 ml	NA	6010	4010-5010
	2076	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
	HH2074	R1 6x60 ml + R2 6x15 ml	NA	6010	4010-5010
	B24-2074	R1 8x24 ml + R2 8x6 ml	NA	6010	4010-5010
ALT GPT	2615	R1 5x80 ml + R2 1x100 ml	NA	6010	4010-5010
	2616	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
	HH2617	R1 6x60 ml + R2 6x15 ml	NA	6010	4010-5010
	B24-2617	R1 8x24 ml + R2 8x6 ml	NA	6010	4010-5010
AST GOT	2515	R1 5x80 ml + R2 1x100 ml	NA	6010	4010-5010
	2516	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
	HH2517	R1 6x60 ml + R2 6x15 ml	NA	6010	4010-5010
	B24-2517	R1 8x24 ml + R2 8x6 ml	NA	6010	4010-5010
Alpha Amylase	2127	10x10 ml	NA	6010	4010-5010
	HH2128	5x20 ml	NA	6010	4010-5010
	B24-2128	6x40 ml	NA	6010	4010-5010
Total Bilirubin	2023	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
	2024	R1 5x80 ml + R2 1x100 ml	NA	6010	4010-5010
Total Bilirubin	HH2021	R1 6x60 ml + R2 6x15 ml	NA	6010	4010-5010
	B24-2021	R1 8x24 ml + R2 8x6 ml	NA	6010	4010-5010
Direct Bilirubin	2026	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
Direct Bilirubin	HH2028	R1 2x60 ml + R2 2x15 ml	NA	6010	4010-5010
	B24-2028	R1 4x20 ml + R2 4x5 ml	NA	6010	4010-5010
Calcium Arsenazo III	2034	6x100 ml	10 ml	6010	4010-5010
	2035	2x250 ml	10 ml	6010	4010-5010
	HH2036	8x60 ml	Not included in the kit	6010	4010-5010
	B24-2036	4x40 ml	Not included in the kit	6010	4010-5010
Chlorides	3006	6x50 ml	10 ml	6010	4010-5010
	HH3009	8x60 ml	Not included in the kit	6010	4010-5010
	B24-3009	6x40 ml	Not included in the kit	6010	4010-5010
Total Cholesterol	2049	6x100 ml	5 ml	6010	4010-5010
	2040	6x 50 ml	5 ml	6010	4010-5010
	HH2047	8x 60 ml	Not included in the kit	6010	4010-5010
	B24-2047	6x40 ml	Not included in the kit	6010	4010-5010
Direct HDL Cholesterol	2061	R1 1x90 ml + R2 1x30 ml	NA	3276	7000
	2060	R1 1x60 ml + R2 1x20 ml	NA	3276	7000
	HH2063	R1 1x60 ml + R2 1x20 ml	NA	3276	7000
	B24-2063	R1 7x24 ml + R2 7x 8 ml	NA	3276	7000
HDL Cholesterol PEG 6000	2039	6x50 ml	5 ml	use STD in the kit	NA
Direct LDL Cholesterol	3278	R1 1x60 ml + R2 1x20 ml	NA	3276	7000
	3277	R1 1x30 ml + R2 1x10 ml	NA	3276	7000
	HH3279	R1 2x30 ml + R2 2x10 ml	NA	3276	7000
	B24-3279	R1 7x24 ml + R2 7x 8 ml	NA	3276	7000
Cholinesterase	2105	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
	2104	R1 5x 8 ml + R2 1x10 ml	NA	6010	4010-5010
	HH2106	R1 3x40 ml + R2 2x15 ml	NA	6010	4010-5010
	B24-2106	R1 4x24 ml + R2 4x 6 ml	NA	6010	4010-5010
Dibucaine	2661	10x10 ml	NO (Against factor CHE)	NO (Against factor CHE)	NA
CK-NAC	7006	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
	7066	R1 5x 8 ml + R2 1x10 ml	NA	6010	4010-5010
	HH7067	R1 3x40 ml + R2 2x15 ml	NA	6010	4010-5010
	B24-7067	R1 2x24 ml + R2 2x 6 ml	NA	6010	4010-5010
CK-MB	7068	R1 5x8 ml + R2 1x10 ml	calib against fact or ctr	calib against fact or ctr	8020
	HH7068	R1 1x48 ml + R2 1x12 ml	calib against fact or ctr	calib against fact or ctr	8020
	B24-7068	R1 2x24 ml + R2 2x 6 ml	calib against fact or ctr	calib against fact or ctr	8020

Reagents, Calibrators and Controls Reference Table

Product	Ref	Packaging	Liq. STD in the kit	CAL	CTR
Copper	5401	R1 6x9 ml + R2 1x6 ml	10 ml	use STD in the kit	4010-5010
Creatinine	2055	R1 5x80 ml + R2 1x100 ml	10 ml	6010	4010-5010
	HH2055	R1 6x60 ml + R2 6x 15 ml	Not included in the kit	6010	4010-5010
	B24-2055	R1 8x24 ml + R2 8x 6 ml	Not included in the kit	6010	4010-5010
Creatinine Enzymatic					
	HH2056	R1 6x60 ml + R2 6x 20 ml	Not included in the kit	6010	4010-5010
	B24-2056	R1 6x24 ml + R2 6x 8 ml	Not included in the kit	6010	4010-5010
Gamma-GT	3026	R1 5X40 ml + R2 1x50 ml	NA	6010	4010-5010
	3027	R1 5X 8 ml + R2 1x10 ml	NA	6010	4010-5010
	HH3028	R1 6X60 ml + R2 6x15 ml	NA	6010	4010-5010
	B24-3028	R1 8x24 ml + R2 6x 6 ml	NA	6010	4010-5010
Glucose	2092	6x500 ml	NA	6010	4010-5010
	2089	6x100 ml	NA	6010	4010-5010
	2088	2x250 ml	NA	6010	4010-5010
	HH2093	8x 60 ml	NA	6010	4010-5010
	B24-2093	6x 40 ml	NA	6010	4010-5010
Glyco Haemoglobin	4555	20x1 test	1 ml	use STD in the kit	NA
Iron Ferene	2909	R1 5x80 ml + R2 1x100 ml	10 ml	6010	4010-5010
	2908	R1 5x40 ml + R2 1x 50 ml	10 ml	6010	4010-5010
	HH2910	R1 6x60 ml + R2 6x 15 ml	Not included in the kit	6010	4010-5010
	B24-2910	R1 8x24 ml + R2 8x 6 ml	Not included in the kit	6010	4010-5010
TIBC - Total Iron Binding Capacity	2999	R1 1x110 ml + R2 1x30 gr	NA	NA	NA
LDH-P	3116	R1 5x40 ml + R2 1x50 ml	NA	6010	4010-5010
	3166	R1 5x 8 ml + R2 1x10 ml	NA	6010	4010-5010
	HH3167	R1 2x60 ml + R2 2x15 ml	NA	6010	4010-5010
	B24-3167	R1 4x24 ml + R2 4x 6 ml	NA	6010	4010-5010
Lipase Color	3254	R1 4x10 ml + R2 1x8 ml	NA	Included in the kit	4010-5010
	HH3254	R1 2x50 ml + R2 2x10 ml	NA	Included in the kit	4010-5010
	B24-3254	R1 4x25 ml + R2 4x5 ml	NA	Included in the kit	4010-5010
Magnesium	HH5103	6x60 ml	10 ml	6010	4010-5010
	B24-5103	6x40 ml	Not included in the kit	6010	4010-5010
Magnesium UV	HH5105	R1 2x60 ml + R2 2x15 ml	10 ml	6010	4010-5010
	B24-5105	R1 4x24 ml + R2 4x6 ml	Not included in the kit	6010	4010-5010
Homocysteine Enzymatic	HH7071	R1 1x30 ml + R2 1x5 ml	Cal. 0 3ml + Cal. 28 3ml	use CAL in the kit	8012 (Liq)
	B24-7071	R1 2x15 ml + R2 1x5 ml	Cal. 0 3ml + Cal. 28 3ml	use CAL in the kit	8012 (Liq)
Potassium	3502	1x50 ml	5 ml	6010	4010-5010
	HH3503	4x60 ml	Not included in the kit	6010	4010-5010
	B24-3503	6x40 ml	Not included in the kit	6010	4010-5010
Phosphorus	2405	6x50 ml	5 ml	6010	4010-5010
	HH2406	8x60 ml	5 ml	6010	4010-5010
	B24-2406	6x40 ml	Not included in the kit	6010	4010-5010
Sodium	HH3500	R1 2x28 ml + R2 2x14 ml	5 ml	6010	4010-5010
	B24-3500	R1 2x24 ml + R2 2x12 ml		6010	4010-5010
Total Protein	2091	6x100 ml	5 ml	6010	4010-5010
	2090	2x250 ml	5 ml	6010	4010-5010
	HH2098	8x60 ml	Not included in the kit	6010	4010-5010
	B24-2098	6x40 ml	Not included in the kit	6010	4010-5010
Proteins in Urine	2097	6x50 ml	5 ml	use STD in the kit	NA
	HH2099	8x60 ml	5 ml	use STD in the kit	NA
	B24-2099	6x40 ml	5 ml	use STD in the kit	NA
Triglycerides	2704	6x100 ml	5 ml	6010	4010-5010
	2703	6x50 ml	5 ml	6010	4010-5010
	HH2705	8x60 ml	Not included in the kit	6010	4010-5010
	B24-2705	6x40 ml	Not included in the kit	6010	4010-5010
Urea UV	2806	R1 5x80 ml + R2 1x100 ml	5 ml	6010	4010-5010
	2805	R1 5x40 ml + R2 1x 50 ml	5 ml	6010	4010-5010
	HH2807	R1 6x60 ml + R2 6x 15 ml	Not included in the kit	6010	4010-5010
	B24-2807	R1 8x24 ml + R2 8x 6 ml	Not included in the kit	6010	4010-5010
Uric Acid	2206	R1 5x80 ml + R2 1x100 ml	5 ml	6010	4010-5010
	2207	R1 5x40 ml + R2 1x 50 ml	5 ml	6010	4010-5010
	HH2208	R1 6x60 ml + R2 6x 15 ml	Not included in the kit	6010	4010-5010
	B24-2208	R1 8x24 ml + R2 8x 6 ml	Not included in the kit	6010	4010-5010
Zinc	5403	R1 5x8 ml + R2 1x10 ml	5 ml	use STD in the kit	4010-5010

Reagents

Product	Ref	Packaging
Angiotensin Converting Enzyme (ACE) Angiotensin converting Enzyme (ACE) quantitative kinetic colorimetric assay FAPGG (N-[3-(2-furyl)acryloyl]-L-phenylalanylglycylglycine) method on Serum and Plasma.	ACE8865	R1 2x50 ml R2 10x10 ml
Acetic Acid liquid Acid Acetic quantitative UV assay on Serum, Plasma and Urine.	AC8829	R1 10x10 ml R2 10x1 ml R3 1x2,6 ml R4 1x10 ml
Ammonia Ammonia quantitative UV assay on Plasma. Standard (1x5,5 ml) included.	AM1054	R1A 20x3ml R1B 1x70 ml R2 1x1 ml
β-Hydroxybutyrric Acid (β-HBA) Bheta-Hydroxybutyrric Acid quantitative UV assay on Serum and Plasma. Standard (1x5 ml) included.	HB8855	R1 2x50 ml R2 10x10 ml R3 1x20 ml
Total Bile Acids Total Bile Acids quantitative enzimatic colorimetric assay on Serum and Plasma.	1001030	R1 1x50 ml R2 1x18 ml
Citric Acid Citric acid quantitative UV assay on Spermatic Liquid and Urine.	CI8820 CI8822	5x20 ml 6x20 ml
Ethanol Ethanol quantitative UV assay on Serum, Whole Blood and Urine. Standard (1x5 ml) included.	ET8852	R1 1x65 ml R2 20x3 ml R3 1x1.2 ml
Fructosamine Quantitative determination of Fructosamine. Nitrotetrazolium chloride (NBT) Kinetic method. Lyophilized calibrator (1x1 ml) included. On request Normal Control Ref.1002120 and Pathologic Control Ref. 1002210.	1001158	19x3 ml
Glucose 6 Phosphate Dehydrogenase (G6PDH) Quantitative determination for G6PDH activity in erythrocytes.	PD410	R1 1x100 ml R2 1x2 ml R3 1x2 ml R4 1x20 ml
Glucose-Fructose Glucose and Fructose quantitative UV assay on Serum, Liquor, Urine and Spermatic Liquid.	GF8815	R1 3x70 ml R2 5x20 ml R3 1x2,6 ml R4 1x2,6 ml
L-Lactic Acid L-Lactic Acid quantitative UV assay on Plasma, Urine and Liquor. Substrate Elevated Control Ref. SCE3005 and Substrate Low Control Ref. SCL3006 (not included).	LA8810	R1 3x70 ml R2 5x20 ml R3 1x2,5 ml
L-Lactate Trinder liquid L-Lactic Acid quantitative Trinder method assay on Plasma and Liquor. The kit includes 2 level Standards (2x2ml). On request Calibrator Clinical Chemistry Ref CALFAS3, Control Low Ref CNU and Control High Ref CPU.	LAT8840	R1 1x42 ml R2 1x8 ml
Oxalate Oxalate quantitative Colorimetric Trinder method assay on Urine. Standard (1x5 ml) included.	OX8850	R1 1x20 ml R2 1x2 ml R3 20 tubes R4 1x20 ml

Product	Ref	Packaging
Oxalate (without tubes) Oxalate quantitative Colorimetric Trinder method assay on Urine.Standard (2x5 ml) included.	OX8851	R1 3x40 ml R2 6x2 ml R3 6x20 ml
Oxalate Urine Purifier Owder for the purification of samples for the quantitative Colorimetric Trinder method determination of Oxalate on Urine.	OXA75	75 tubes
Pyruvate Pyruvate (Pyruvic Acid) quantitative UV assay on Whole Blood. Standard (1x10 ml) included.	PY8825	R1 3x70 ml R2 10x10 ml R3 1x5 ml
Pyruvate (for Automation) Pyruvate (Pyruvic Acid) quantitative UV assay on Whole Blood and Liquor. Standard (1x5 ml) included.	PY8826	R1 2x50 ml R2 5x20 ml R3 1x15,5 ml
Pyruvate Kinase Quantitative Kinetic UV determination of Pyruvate Kinase (PK) in Serum and Erythrocites. Calibrator (3x1ml) and Diluent included.	PK8831	R1 1x60 ml R2 20x3 ml R3 3x2 ml
Urinary Stones Qualitative Colorimetric determination of Carbonate, Calcium, Magnesium, Ammonium, Oxalate, Phosphate, Uric Acid and Cystine on renal and urinary stones by visual inspection.	URISTONE2	30 tests
25 OH-Vitamin D Quantitative determination of 25-(OH) D levels in serum or plasma, on automated chemistry analyzers, and for the assessment of Vitamin D sufficiency. The kit contains 1 sample diluent and 3 liquid stable reagents and calibrator set.	DZ688C-K	Diluent: 1x17 ml R1: 1x8,5 ml R2: 1x17 ml R3: 1x8.5 ml Calibrators: 5x1 ml

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Calibrators and Controls

Product	Ref	Packaging
ACE Calibrator lyo Lyophilized calibrator for Angiotensin converting Enzyme (ACE) quantitative kinetic colorimetric assay FAPGG (N-[3-(2-furyl)acryloyl]-L-phenylalanylglycylglycine) method on Serum and Plasma.	ACAL8866	6x1 ml
ACE Elevated Control lyo Lyophilized control for Angiotensin Converting Enzyme (ACE) quantitative Kinetic Colorimetric assay FAPGG (N-[3-(2-furyl)acryloyl]-L-phenylalanylglycylglycine) method on Serum and Plasma.	AEL8868	6x1 ml
ACE Normal Control lyo Lyophilized control for Angiotensin Converting Enzyme (ACE) quantitative Kinetic Colorimetric assay FAPGG (N-[3-(2-furyl)acryloyl]-L-phenylalanylglycylglycine) method on Serum and Plasma.	ANOR8867	6x1 ml
β-HBA High Control lyo Lyophilized control for Bheta-Hydroxybutyrric Acid quantitative UV assay on Serum and Plasma.	HBCH3511	6x1 ml
β-HBA Low Control lyo Lyophilized control for Bheta-Hydroxybutyrric Acid quantitative UV assay on Serum and Plasma.	HBCL2511	6x1 ml
Total Bile Acids control Lyophilized controls for TBA/CO2 analysis on Serum and Plasma.	1002292	1x5 ml
Total Bile Acids Calibrator Lyophilized calibrator for Total Bile Acid quantitative enzimatic colorimetric assay on Serum and Plasma.	1002290	1x5 ml
25 OH-Vitamin D Control Set Control set for quantitative determination of 25-(OH) D levels in serum or plasma, on automated chemistry analyzers, and for the assessment of Vitamin D sufficiency. The kit contains 2 levels of 25-(OH) D controls (sufficient and insufficient level).	DZ688C-CON	2x1ml
CI+OX Calibrator liquid Liquid calibrator for quantitative determination of Oxalate (Oxalic Acid) and Citric acid with specific methods on Urine and Spermatic Liquid.	CT0111	2x5 ml
Ethanol High Control liquid Liquid control for ethanol quantitative UV assay on Serum, Whole Blood and Urine.	ETCH258	6x2 ml
Ethanol Low Control liquid Liquid control for ethanol quantitative UV assay on Serum, Whole Blood and Urine.	ETCL133	6x2 ml
G6PDH Deficient Control Lyophilized control for determination of Glucose-6-Phosphate Dehydrogenase (G6PDH).	PD2617	6x0,5 ml
G6PDH Normal Control Lyophilized control for determination of Glucose-6-Phosphate Dehydrogenase (G6PDH).	PD2618	6x0,5 ml
Ammonia Control Level 1 Liquid control for determination of Ammonia. Open vials stability 30 days at 2-8°C.	EA1366	6x2 ml
Ammonia Control Level 2 Liquid control for determination of Ammonia. Open vials stability 30 days at 2-8°C.	EA1367	6x2 ml

Calibrators and Controls

Product	Ref Packaging
Ammonia Control Level 3 Liquid control for determination of Ammonia. Open vials stability 30 days at 2-8°C.	**EA1368** 6x2 ml
Oxalate High Control lyo Lyophilized control for Oxalate (Oxalic Acid) Quantitative colorimetric Trinder assay on Urine.	**OCH6502** 6x2 ml
Oxalate Low Control lyo Lyophilized control for Oxalate (Oxalic Acid) quantitative colorimetric Trinder assay on Urine.	**OCL6627** 6x2 ml
Oxalate Standard Set liquid Liquid calibrators for or Oxalate (Oxalic Acid) quantitative colorimetric Trinder assay on Urine.	**OXST8853** 3x50 ml
Pyruvate Kinase (PK) Control Lyophilized control for quantitative Kinetic UV determination of Pyruvate Kinase (PK) on Serum and Erythrocites.	**PKC032** 4x1 ml
Substrate Elevated Control lyo Lyophilized control for quantitative determination with specific methods of substrates on Serum, Plasma, Urine, Spermatic Liquid, Liquor (Csf), Food and Beverages.	**SCE3005** 6x2 ml
Substrate Low Control lyo Lyophilized control for quantitative determination with specific methods of substrates on Serum, Plasma, Urine, Spermatic Liquid, Liquor (Csf), Food and Beverages.	**SCL3006** 6x2 ml

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Drugs of Abuse (DOA) Liquid Reagents for Urine

Product		Ref Packaging
Amphetamine EIA Urine	930008	R1 2x21 ml + R2 2x8 ml - 200 tests
Barbiturates EIA Urine	930098	R1 2x21 ml + R2 2x8 ml - 200 tests
Benzodiazepines EIA Urine	930018	R1 2x21 ml + R2 2x8 ml - 200 tests
Cannabinoid EIA Urine	930028	R1 2x21 ml + R2 2x8 ml - 200 tests
Cocaine EIA Urine	930038	R1 2x21 ml + R2 2x8 ml - 200 tests
Ecstasy EIA Urine	930058	R1 2x21 ml + R2 2x8 ml - 200 tests
EDDP EIA (Methadone Metabolite) Urine	930078	R1 2x21 ml + R2 2x8 ml - 200 tests
Methadone EIA Urine	930068	R1 2x21 ml + R2 2x8 ml - 200 tests
Opiates EIA Urine	930088	R1 2x21 ml + R2 2x8 ml - 200 tests

Drugs of Abuse (DOA) Calibrators

Product		Ref Packaging
Multilevel Calibrators		
Multidrug Calibrator for urine including concentrations of AMP / COC / MTD / COT / OPI / PPX / BAR / PCP	933020	5x10 ml
ECSTASY calibrator (5 levels) for urine	933030	5x10 ml
EDDP calibrator (5 levels) for urine	933040	5x10 ml
CANNABINOID calibrator (5 levels) for urine	933070	5x4 ml
BENZODIACEPINES calibrator (5 levels) for urine	933080	5x10 ml
Single level Calibrators		
Human urine matrix (Negative)	933010	1x10 ml
Human urine matrix (Negative)	933015	4x10 ml
EDDP calibrator (Cut-off 300 ng/ml)	932955	1x10 ml
ECSTASY calibrator (Cut-off 500 ng/ml)	932935	1x10 ml
CANNABINOID calibrator Low Cut-off (20 ng/ml)	933071	1x4 ml
CANNABINOID calibrator High Cut-off (50 ng/ml)	933072	1x4 ml
BENZODIACEPINES calibrator Low Cut-off (200 ng/ml)	933081	1x10 ml
BENZODIACEPINES calibrator High Cut-off (300 ng/ml)	933082	1x10 ml
Multidrug Calibrator for urine High Cut-offs AMP / COC / MTD / COT / OPI / PPX / BAR / PCP	932915	1x10 ml
Multidrug Calibrator for urine Low Cut-offs AMP / COC / MTD / COT / OPI / PPX / BAR / PCP	932910	4x10 ml

Drugs of Abuse (DOA) Controls

Product	Ref	Packaging
Multidrug Control for urine Low Cut-offs AMP / COC / MTD / COT / OPI / PPX / BAR / PCP	935910	4x10 ml
Multidrug Control for urine High Cut-offs AMP / COC / MTD / COT / OPI / PPX / BAR / PCP	935915	4x10 ml
BENZODIACEPINES control Low Cut-off (200 ng/ml)	936081	4x10 ml
BENZODIACEPINES control High Cut-off (300 ng/ml)	936082	4x10 ml
CANNABINOID control Low Cut-off (20 ng/ml)	936071	4x4 ml
CANNABINOID control High Cut-off (50 ng/ml)	936072	4x4 ml
ECSTASY control (Cut-off 500 ng/ml)	935935	4x10 ml
EDDP control (Cut-off 300 ng/ml)	935955	4x10 ml

Therapeutic Drug Monitoring (TDM) Reagents, Calibrators and Controls

Product	Ref	Packaging
Carbamazepine (CBZ)	939010	R1 2x12 ml + R2 2x5 ml
Digoxin (DG)	939020	R1 2x8 ml + R2 2x6 ml
Phenobarbital (PHN)	939040	R1 2x17 ml + R2 2x6 ml
Phenytoin (PHE)	939050	R1 2x17 ml + R2 2x6 ml
Valproic Acid (VPA)	939070	R1 2x12 ml + R2 2x5 ml
TDM calibrator	939510	6x3 ml
TDM control (3 levels)	939550	3x5 ml

Reagents

Product	Ref	Packaging
Anti Streptolysin O (ASO) IMT Quantitative immunoturbidimetric test, reading in fixed time, one point calibration curve. Stable, liquid and ready to use reagents (R1= Diluent, R2=Latex), 9+1 ratio. Sample: serum. Can be used as two-reagents for automation or as monoreagent preparing a working solution (9+1, stability of 30 days at 2-8°C). Calibrator is included. Multiparametric Controls are separately supplied (ASO/CRP/RF Control, Low Values, REF LTCON01 and ASO/CRP/RF Control, High Values, REF LTCON02).	LT001 LT111	R1 1x 45 ml + R2 1x 5 ml R1 2x115 ml + R2 1x25 ml
C Reactive Protein (CRP) IMT Quantitative immunoturbidimetric test, reading in fixed time, one point calibration curve. Stable, liquid and ready to use reagents (R1= Diluent, R2=Latex), 9+1 ratio. Sample: serum. Can be used as two-reagents for automation or as monoreagent preparing a working solution (9+1, stability of 30 days at 2-8°C). Calibrator is included. Multiparametric Controls are separately supplied (ASO/CRP/RF Control, Low Values, REF LTCON01 and ASO/CRP/RF Control, High Values, REF LTCON02).	LT002 LT222	R1 1x 45 ml + R2 1x 5 ml R1 2x115 ml + R2 1x25 ml
Rheumatoid Factors (RF) IMT Quantitative immunoturbidimetric test, reading in fixed time, one point calibration curve. Stable, liquid and ready to use reagents (R1= Diluent, R2=Latex). Lyophilized calibrator is included. Sample: serum or plasma. Multiparametric controls are separately supplied (ASO/CRP/RF Control Low Values REF LTCON01 and ASO/CRP/RF Control High Values REF LTCON02).	LT003 LT333	R1 1x 45 ml + R2 1x 5 ml R1 2x115 ml + R2 1x25 ml
Direct HbA1c IMT Determination of Glyco-Haemoglobin HbA1c. Procedure provides for direct testing of percentage of specific HbA1c fraction (by immunoturbidimetric method using a monoclonal antibody latex coated). Liquid, stable and ready to use reagents can work on the most common clinical chemistry instrument. Sample: whole blood subject to pre-treatment before use (hemolisys). Lyophilized HbA1c Direct Calibration Set and HbA1c Direct Controls Set (whole blood) are separately supplied as respectively REF 4582 and REF 4583.	HH4580 B24-4580	R1 1x35 ml + R2 1x7 ml R1 1x25 ml + R2 1x5 ml
Hemolysis Reagent Reagent used for hemolyze erythrocytes to determine HbA1c.	4581	3x100 ml
Microalbumin IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable. liquid and ready to use reagents (R1=Diluent. R2= Antiserum). Urinary testing. Ready to use calibrator and control are separately supplied as respectively REF MALCAL and REF MALCON.	IM012	R1 1x50 ml + R2 1x5 ml
Apolipoprotein A1 IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Ready to use calibrator and control are separately supplied as respectively REF APOCAL and REF APOCON.	IM013	R1 1x50 ml + R2 1x5 ml
Apolipoprotein B IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Ready to use calibrator and control are separately supplied as respectively REF APOCAL and REF APOCON.	IM014	R1 1x50 ml + R2 1x5 ml
Lipoprotein (a) IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Liquid and ready to use Calibrator and Control are separately supplied as respectively REF LPACAL and LPACON.	IM020	R1 1x50 ml + R2 1x5 ml

Product	Ref	Packaging
C3 Complement IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM004	R1 1x50 ml + R2 1x5 ml
C4 Complement IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM005	R1 1x50 ml + R2 1x5 ml
Immunoglobulin A IMT (IgA) Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM002	R1 1x50 ml + R2 1x5 ml
Immunoglobulin G IMT (IgG) Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM001	R1 1x50 ml + R2 1x5 ml
Immunoglobulin M IMT (IgM) Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM003	R1 1x50 ml + R2 1x5 ml
Immunoglobulin E IMT (IgE) Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Diluent, R2= Latex). Sample: serum. Liquid and ready to use calibrator and control are separately supplied as respectively REF LTCAL06 and REF LTCON06.	LT006	R1 1x20 ml + R2 1x10 ml
Kappa Light Chain IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: urine (Bence Jones Protein) or serum, on depending of calibration system used. Serum research requires liquid and ready to use Multicalibrator IMT and Multiparametric Control, separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW. Urinary research requires liquid and ready to use Pediatric Calibrator and Pediatric Control separately supplied as respectively REF IMPED and REF PEDCON.	IM011	R1 1x50 ml + R2 1x5 ml
Lambda Light Chain IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: urine (Bence Jones Protein) or serum, on depending of calibration system used. Serum research requires liquid and ready to use Multicalibrator IMT and Multiparametric Control, separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW. Urinary research requires liquid and ready to use Pediatric Calibrator and Pediatric Control separately supplied as respectively REF IMPED and REF PEDCON.	IM010	R1 1x50 ml + R2 1x5 ml

Reagents

Product	Ref	Packaging
Antithrombin III IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM008	R1 1x50 ml + R2 1x5 ml
Fibrinogen IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: plasma. Lyophilized calibrator and control are separately supplied as respectively REF FIBCAL and REF FIBCON.	IM009	R1 1x50 ml + R2 1x5 ml
Alpha 1 Acid Glycoprotein IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM007	R1 1x50 ml + R2 1x5 ml
Alpha 1 Antitrypsin IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM016	R1 1x50 ml + R2 1x5 ml
Ceruloplasmin IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM017	R1 1x50 ml + R2 1x5 ml
Ferritin IMT Quantitative immunoturbidimetric test, multipoint calibration curve. Stable, liquid and ready to use reagents (R1= Diluent, R2=Latex). Sample: serum. Liquid and ready to use set of calibration included (SET CAL 5x1 ml). Liquid, stable and ready to use controls, are separately supplied as REF IMCON and REF IMCONLOW.	LT009	R1 1x30 ml + R2 1x10 ml
Transferrin IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM006	R1 1x50 ml + R2 1x5 ml
Haptoglobin IMT Quantitative immunoturbidimetric test, reading in fixed time, multipoint calibration curve. Stable, liquid and ready to use reagents (R1=Buffer, R2= Antiserum). Sample: serum. Liquid and ready to use Multicalibrator and Multiparametric Control are separately supplied as respectively REF IMCAL01 and REF IMCON and IMCONLOW.	IM015	R1 1x50 ml + R2 1x5 ml

*The **REF** that begins with **HH** has the packaging suitable for the most common automatic analyzers and specific barcode for Tokyo Boeki **Biolis 50i** and, on request, the barcodes for **Hitachi 911-912-917**.*

*The **REF** with **B24** has the dedicated packaging and barcode for Tokyo Boeki **Biolis 24i** and **Biolis 30i**, with 36 postions plate reagents.*

Futura System Group Immunoturbidimetry Reagents work successfully on the most common automatic analyzers in the market.
*Specific applications are available for the most common clinical chemistry instruments and can be required at **info@futurasystem.it** or to your local distributor.*

Calibrators and Controls

Product	Ref	Packaging
ASO-CRP-RF Control low values IMT Multiparametric control, human matrix, low levels. Standardized against: - International Standard from NIBSC 97/662 for ASO. - ERM-DA 472/IFCC Reference Material for CRP. - International Reference Standard from NIBSC 64/002 for RF.	LTCON01	2x1 ml
ASO-CRP-RF Control high values IMT Multiparametric control, human matrix, high levels. Standardized against: - International Standard from NIBSC 97/662 for ASO. - ERM-DA 472/IFCC Reference Material for CRP. - International Reference Standard from NIBSC 64/002 for RF.	LTCON02	2x1 ml
HbA1c Direct Calibration Set IMT Set of calibrators for HbA1c Direct by immunoturbidimetric methods (REF 4580). Five scaled concentrations (as percentage), lyophilized human whole blood (stability: 1 month after rehydration), referred to NGSP/DCCT standard.	4582	1x2 ml Liquid + 4x0,5 ml Lyophilized
HbA1c Direct Control Set IMT Set of controls for HbA1c Direct by immunoturbidimetric methods (REF 4580). Two levels, high and low (as percentage), lyophilized human whole blood (stability: 1 month after rehydration), referred to NGSP/DCCT standard.	4583	2x0,5 ml
Microalbumin Calibrator IMT Defibrinated human plasma. Stable, liquid and ready to use, high concentration to dilute (scaled values). Referred to RPPHS/CRM 470 International Standard.	MALCAL	1x1 ml
Microalbumin Control IMT Defibrinated human plasma. Stable, liquid and ready to use. Referred to RPPHS/CRM 470 International Standard.	MALCON	1x1 ml
Apolipoprotein Calibrator IMT Stabilized and buffered human plasma, liquid and ready to use, high concentration to dilute (scaled values). Referred to IFCC SSRM Apo A1 Reference and to IFCC SSRM Apo B Reference.	APOCAL	1x1 ml
Apolipoprotein Control IMT Stabilized and buffered human plasma, liquid and ready to use. Referred to IFCC SSRM Apo A1 Reference and to IFCC SSRM Apo B Reference.	APOCON	1x1 ml
Lipoprotein (a) Calibrator IMT Stabilized and buffered human plasma, liquid and ready to use, high concentration to dilute (scaled values).Referred to WHO/IFCC SSRM 2B International Standard.	LPACAL	1x1 ml
Lipoprotein (a) Control IMT Stabilized and buffered human plasma, liquid and ready to use. Referred to WHO/IFCC SSRM 2B International Standard.	LPACON	1x1 ml
Multicalibrator IMT Set of multiparametric calibrators for specific plasma proteins (C3, C4, IgA, IgG, IgM, Antithrombin III, a1-Acid Glycoprotein, a1- Antitrypsin, Ceruloplasmin, Transferrin, Haptoglobin, a2-Macroglobulin, serum Kappa Light Chain, serum Lambda Light Chain). Five scaled concentrations, liquid and ready to use, human matrix. Referred to International Standard CRM 470 for each protein and to Dade Behring Standard Material for Kappa/Lambda Light Chain.	IMCAL01	5x1 ml
Control High IMT Multiparametric controls for specific plasma proteins (C3, C4, IgA, IgG, IgM, Antithrombin III, a1-Acid Glycoprotein, a1- Antitrypsin, Ceruloplasmin, Transferrin, Ferritin, Haptoglobin, a2-Macroglobulin, serum Kappa Light Chain, serum Lambda Light Chain). Liquid and ready to use, human matrix. Referred to International Standard CRM 470 for each protein and to Dade Behring Standard Material for Kappa/Lambda Light Chain.	IMCON	2x1 ml

Calibrators and Controls

Product	Ref	Packaging
Control Low IMT Multiparametric controls for specific plasma proteins (C3, C4, IgA, IgG, IgM, Antithrombin III, a1-Acid Glycoprotein, a1- Antitrypsin, Ceruloplasmin, Transferrin, Ferritin, Haptoglobin, a2-Macroglobulin, serum Kappa Light Chain, serum Lambda Light Chain). Liquid and ready to use, human matrix. Referred to International Standard CRM 470 for each protein and to Dade Behring Standard Material for Kappa/Lambda Light Chain.	IMCONLOW	2x1 ml
Pediatric Calibrator IMT Stabilized and buffered human plasma, liquid and ready to use, high concentration to dilute (scaled values). To calibrate serum Immunoglobulins (IgA, IgG and IgM) and serum Transferrin in pediatric samples. Also, to calibrate Kappa/ Lambda Light Chain in urine testing (Bence Jones Protein). Referred to International Standard CRM 470 for each protein and to Dade Behring Standard Material for urinary Kappa/Lambda Light Chain.	IMPED	1x1 ml
Pediatric Control IMT Stabilized and buffered human plasma, liquid and ready to use. To Quality Control for specific plasma proteins (serum IgA, IgG and IgM and serum Transferrin in pediatric samples), also for Kappa/ Lambda Light Chain in urinary testing (Bence Jones Protein). Referred to International Standard CRM 470 for each serum protein and to Dade Behring Standard Material for urinary Kappa/ Lambda Light Chain.	PEDCON	1x1 ml
IgE Calibrator IMT Stabilized and buffered human plasma, liquid and ready to use, high concentration to dilute (scaled values). Referred to International Reference Preparation of Human IgE (75/502) (2nd IRP, 1981).	LTCAL06	1x1 ml
IgE Control IMT Stabilized and buffered human plasma, liquid and ready to use. Referred to International Reference Preparation of Human IgE (75/502) (2nd IRP, 1981).	LTCON06	1x1 ml
Fibrinogen Calibrator IMT Stabilized and buffered human plasma, lyophilized, high concentration to dilute (scaled values).	FIBCAL	1x0,5 ml
Fibrinogen Control IMT Stabilized and buffered human plasma, lyophilized.	FIBCON	1x1 ml

Reagents, Calibrators and Controls Reference Table

Product	Ref	Packaging	CAL	CTR
Anti Streptolysin O (ASO) IMT	LT001 LT111	R1 1x 45 ml + R2 1x 5 ml R1 2x115 ml + R2 1x25 ml	Inside the kit	LTCON01 - LTCON02
C Reactive Protein (CRP) IMT	LT002 LT222	R1 1x 45 ml + R2 1x 5 ml R1 2x115 ml + R2 1x25 ml	Inside the kit	LTCON01 - LTCON02
Rheumatoid Factors (RF) IMT	LT003 LT333	R1 1x 45 ml + R2 1x 5 ml R1 2x115 ml + R2 1x25 ml	Inside the kit	LTCON01 - LTCON02
Direct HbA1c IMT	HH4580 B24-4580	R1 1x35 ml + R2 1x7 ml R1 1x25 ml + R2 1x5 ml	4582 (Lyo) 4582 (Lyo)	4583 (Lyo) 4583 (Lyo)
Microalbumin IMT	IM012	R1 1x50 ml + R2 1x5 ml	MALCAL	MALCON
Apolipoprotein A1 IMT	IM013	R1 1x50 ml + R2 1x5 ml	APOCAL	APOCON
Apolipoprotein B IMT	IM014	R1 1x50 ml + R2 1x5 ml	APOCAL	APOCON
Lipoprotein (a) IMT	IM020	R1 1x50 ml + R2 1x5 ml	LPACAL	LPACON
C3 Complement IMT	IM004	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
C4 Complement IMT	IM005	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Immunoglobulin A IMT (IgA)	IM002	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Immunoglobulin G IMT (IgG)	IM001	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Immunoglobulin M IMT (IgM)	IM003	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Immunoglobulin E IMT (IgE)	LT006	R1 1x20 ml + R2 1x10 ml	LTCAL06	LTCON06
Kappa Light Chain IMT(Serum)	IM011	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Lambda Light Chain IMT(Serum)	IM010	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Kappa Light Chain IMT(Urine)	IM011	R1 1x50 ml + R2 1x5 ml	IMPED	PEDCON
Lambda Light Chain IMT(Urine)	IM010	R1 1x50 ml + R2 1x5 ml	IMPED	PEDCON
Antithrombin III IMT	IM008	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Fibrinogen IMT	IM009	R1 1x50 ml + R2 1x5 ml	FIBCAL (Lyo)	FIBCON (Lyo)
Alpha 1 Acid Glycoprotein IMT	IM007	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Alpha 1 Antitrypsin IMT	IM016	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Ceruloplasmin IMT	IM017	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Ferritin IMT	LT009	R1 1x30 ml + R2 1x10 ml	Inside the kit	IMCONLOW - IMCON
Transferrin IMT	IM006	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON
Haptoglobin IMT	IM015	R1 1x50 ml + R2 1x5 ml	IMCAL01	IMCONLOW - IMCON

Reagents, Calibrators and Controls / Liquid Coagulation Line

Product	Ref	Packaging
Thromboplastin "L" Liquid rabbit brain Thromboplastin to determine Prothrombin Time (PT). Reagent stability is of 60 days at 2-8 °C. Highly sensible to the deficiency of "extrinsic" pathway Factors II,V,VII,X. Assigned ISI and MNPT for a wide range of coagulometers (Coatron A4, Sysmex series, ACL, CoaDATA, KSELMED, Behnk).	CH111	10x5 ml
PT Calibration curve Lyophilized human plasma (4 levels of PT Calibrans) to rehydrate with distilled water. Stability: 1 hours after reconstitution. Intended for establish a % PT Calibration Curve, generating an INR Reference Curve for the direct INR determination of a patient sample; generating specific ISI and MNPT values for the system, reagent and instrument combination used by the laboratory.	CH021	4x1 ml
Coagulation Calibrator Lyophilized human plasma to rehydrate with distilled water. Stability: 2 hours at 2-8°C. Calibration Plasma may be used as a reference plasma when assaying for Factors II, V, VII, VIII, IX, X1, XI, XII2, fibrinogen, von Willebrand Factor, antigenic and functional Protein C and Protein S (total and free), Antithrombin (AT) III, Protein C, Factor VIII, Plasminogen and PT on instruments that require one point calibration.	CH022	5x1 ml
APTT SI + CALCIUM CHLORIDE Activated Partial Thromboplastin Time reagents. Liquid, stable and ready to use reagents. The kit includes APTT reagent containing phospholipids and silica contact activator and Calcium Chloride 0.025 M.	CH224	10x4 ml + 10x4 ml
Clauss Fibrinogen 100 NIH/ml Fibrinogen quantitative assay according to Clauss. Lyophilized Thrombin reagent and Imidazole Buffer in the kit. Stability of reconstituted thrombin: 8 hours at 15-20°C, 7 days at 2-8°C, 2 months at -20°C in the original vial. Depending on used coagulometer, could be need to reconstitute the Thrombin Reagent with the Kaolin (REF CH008) instead of distilled water, separately supplied. The Imidazole Buffer (4x25 ml) is need to make dilution of the calibrator, controls and samples.	CH100A	10x2 ml + 4x25 ml
Kaolin Suspension Auxiliary reagent for manual assays of according to Clauss Fibrinogen 100 NIH/ml (REF CH100) when it is required from coagulometer type. Liquid, stable and ready to use reagent.	CH008	1x50 ml
Fibrinogen Calibrator Lyophilized human plasma to rehydrate with distilled water. To dilute forming scaled concentrations to calibrate exclusively Clauss Fibrinogen 100 NIH/ml assay.	CH020	10x1 ml
Clauss Fibrinogen 35 NIH/ml Fibrinogen quantitative assay according to Clauss. Lyophilized Thrombin reagent and Imidazole Buffer in the kit. Stability of reconstituted thrombin: 8 hours at 15-20°C, 7 days at 2-8°C, 2 months at -20°C in the original vial. Reconstitute the reagent with distilled water. The Imidazole Buffer (1x25 ml) is need to make dilution of the calibrator, controls and samples. Dedicated calibrator included (1x1 ml).	CH035A	5x2 ml + 1x25 ml + 1x1 ml
Clauss Fibrinogen 50 NIH/ml Fibrinogen quantitative assay according to Clauss. Lyophilized Thrombin reagent and Imidazole Buffer in the kit. Stability of reconstituted thrombin: 8 hours at 15-20°C, 7 days at 2-8°C, 2 months at -20°C in the original vial. Reconstitute the reagent with distilled water. The Imidazole Buffer (2x25 ml) is need to make dilution of the calibrator, controls and samples. Dedicated calibrator included (2x1 ml).	CH050A	5x4 ml + 2x25 ml +2x1 ml
Normal Control Plasma Lyophilized human plasma to rehydrate with distilled water. Stability: 24 hours at 2-8°C. PT, APTT, Fibrinogen,TT, Derived Fibrinogen, Antithrombin Xa reference values and ranges for a wide range of coagulometers (Coatron A4, Sysmex series, ACL, CoaDATA, Amelung, Behnk).	CH004	10x1 ml
Abnormal Control Plasma Lyophilized human plasma to rehydrate with distilled water. Stability: 24 hours at 2-8°C. PT, APTT, Fibrinogen,TT, Derived Fibrinogen, Antithrombin Xa reference values and ranges for a wide range of coagulometers (Coatron A4, Sysmex series, ACL, CoaDATA, Amelung, Behnk).	CH005	10x1 ml

Reagents, Calibrators and Controls Reference Table

Product	Ref	Packaging	CAL	CTR
Thromboplastin "L"	CH111	10x5 ml	CH021-CH022	CH004-CH005
APTT SI + Calcium Chloride	CH224	10x4 ml + 10x4 ml	NA	CH004-CH005
Clauss Fibrinogen 100 NIH/ml	CH100A	10x2 ml + 4x25 ml	CH020	CH004-CH005
Clauss Fibrinogen 50 NIH/ml	CH050A	5x4 ml + 2x25 ml + 1x1 ml	included in the kit	CH004-CH005
Clauss Fibrinogen 35 NIH/ml	CH035A	5x2 ml + 1x25 ml +1x1 ml	included in the kit	CH004-CH005
Kaolin Suspension (auxiliary reagent for FIBRINOGEN)	CH008	1x50 ml	NA	NA

Reagents Coagulometers Compatibility Table

Product	Ref	ACL series	Coatron AC-4	Sysmex series	ACF (Opto-Mechanical)	Manual Coagulometer
Thromboplastin "L"	CH111	■	■	■	■	■
APTT SI + Calcium Chloride	CH224	■	■	■	■	■
Clauss Fibrinogen 100 NIH/ml	CH100A			■	■	■
Clauss Fibrinogen 50 NIH/ml	CH050A		■			
Clauss Fibrinogen 35 NIH/ml	CH035A	■				
Kaolin Suspension	CH008				■	■
PT Calibration Curve	CH021		■	■	■	■
Coagulation Calibrator	CH022	■				
Normal Control Plasma	CH004	■	■	■	■	■
Abnormal Control Plasma	CH005	■	■	■	■	■

Special Plasmatic Proteins

Product	Ref	Packaging
Immunoglobulin G (IgG) RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR103	1x15 Tests
Immunoglobulin A (IgA) RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR104	1x15 Tests
Immunoglobulin M (IgM) RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR105	1x15 Tests
Alpha 1 Acid Glycoprotein RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR116	1x15 Tests
Antithrombin III RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR123	1x15 Tests
Apolipoprotein A1 RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR113	1x15 Tests
Apolipoprotein B RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR114	1x15 Tests
C3 Complement RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR106	1x15 Tests
C4 Complement RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR107	1x15 Tests
Fibrinogen RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR122	1x15 Tests
Transferrin RID Quantitative method according to Mancini. Rectangular plate with 15 wells.	IR109	1x15 Tests

Urinary Proteins

Product	Ref	Packaging
Bence Jones Protein RID Qualitative method by double immunodiffusion reaction according to Ouchterlony. Complete kit containing 15 plates, anti kappa and lambda chain antisera and control. Each plate performs simultaneously both kappa and lambda chain for every urinary sample.	IR021	15x2 Tests

Controls

Product	Ref	Packaging
Control High IMT Multiparametric controls for specific plasma proteins (C3, C4, IgA, IgG, IgM, Antithrombin III, a1-Acid Glycoprotein, a1- Antitrypsin, Ceruloplasmin, Transferrin, Ferritin, Haptoglobin, a2-Macroglobulin, serum Kappa Light Chain, serum Lambda Light Chain). Liquid and ready to use, human matrix. Referred to International Standard CRM 470 for each protein and to Dade Behring Standard Material for Kappa/Lambda Light Chain.	IMCON	2x1 ml

Controls

Product	Ref	Packaging
Control Low IMT Multiparametric controls for specific plasma proteins (C3, C4, IgA, IgG, IgM, Antithrombin III, a1-Acid Glycoprotein, a1- Antitrypsin, Ceruloplasmin, Transferrin, Ferritin, Haptoglobin, a2-Macroglobulin, serum Kappa Light Chain, serum Lambda Light Chain). Liquid and ready to use, human matrix. Referred to International Standard CRM 470 for each protein and to Dade Behring Standard Material for Kappa/Lambda Light Chain.	IMCONLOW	2x1 ml
Apolipoprotein Control IMT Stabilized and buffered human plasma, liquid and ready to use. Referred to IFCC SSRM Apo A1 Reference and to IFCC SSRM Apo B Reference.	APOCON	1x1 ml
Fibrinogen Control IMT Stabilized and buffered human plasma, lyophilized.	FIBCON	1x1 ml

Reagents, Calibrators and Controls Reference Table

Special Plasmatic Proteins

Product	Ref	Packaging	CTR
Immunoglobulin G (IgG) RID	IR103	1x15 Tests	IMCONLOW-IMCON
Immunoglobulin A (IgA) RID	IR104	1x15 Tests	IMCONLOW-IMCON
Immunoglobulin M (IgM) RID	IR105	1x15 Tests	IMCONLOW-IMCON
Alpha 1 Acid Glycoprotein RID	IR116	1x15 Tests	IMCONLOW-IMCON
Antithrombin III RID	IR123	1x15 Tests	IMCONLOW-IMCON
Apolipoprotein A1 RID	IR113	1x15 Tests	APOCON (Liq.)
Apolipoprotein B RID	IR114	1x15 Tests	APOCON (Liq.)
C3 Complement RID	IR106	1x15 Tests	IMCONLOW-IMCON
C4 Complement RID	IR107	1x15 Tests	IMCONLOW-IMCON
Fibrinogen RID	IR122	1x15 Tests	FIBCON
Transferrin RID	IR109	1x15 Tests	IMCONLOW-IMCON

Urinary Proteins

Product	Ref	Packaging	CTR
Bence Jones Protein RID	IR021	15x2 Tests	IMCONLOW-IMCON

Rheumatology - Slide test

Product	Ref	Packaging
Anti-Streptolysin O (ASO) Latex agglutination slide test. Qualitative and semiquantitative test. Complete kit containing latex reagent, positive and negative controls and disposables.	ND101	100 Tests
Anti-Streptolysin O (ASO) Latex agglutination slide test. Qualitative and semiquantitative test. Only latex reagent.	ND111	100 Tests
C-Reactive Protein (CRP) Latex agglutination slide test. Qualitative and semiquantitative test. Complete kit containing latex reagent, positive and negative controls and disposables.	ND202	100 Tests
C-Reactive Protein (CRP) Latex agglutination slide test. Qualitative and semiquantitative test. Only latex reagent.	ND222	100 Tests
Rheumatoid Factor (RF) Latex agglutination slide test. Qualitative and semiquantitative test. Complete kit containing latex reagent, positive and negative controls and disposables.	ND303	100 Tests
Rheumatoid Factor (RF) Latex agglutination slide test. Qualitative and semiquantitative test. Only latex reagent.	ND333	100 Tests
Waaler Rose Haemo-agglutination slide test. Complete kit containing reagent, positive and negative controls and disposables.	SH009	100 Tests
Anti-n-DNA Research of typical auto-antibodies of Lupus Erythematosus. Latex agglutination slide test. Complete kit containing reagent, positive and negative controls and disposables.	SH060	20 Tests

Syphilis Serodiagnosis

Product	Ref	Packaging
RPR Charcoal agglutination slide test. Complete kit containing reagent, positive and negative controls and disposables.	HRPR01 HRPR03	500 Tests 150 Tests
TPHA Indirect haemo-agglutination test. Complete kit containing reagents, positive and negative controls and disposables.	HRPR02	100 Tests

Infectivity - Slide test

Product	Ref	Packaging
Infectious Mononucleosis Latex agglutination slide test. Complete kit containing reagent, positive and negative controls and disposables.	SH070	50Tests

Widal Wright Serodiagnosis

Product	Ref	Packaging
Salmonella Typhi AgO Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Typhi for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW10	1x20 ml
Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Typhi for the **qualitative determination** of the antibodies by agglutination on **slide** and the quantitative determination on microplates, according to Widal.	WF10	1x5 ml

Product	Ref	Packaging
Salmonella Typhi AgH		
Coloured inactive bacterial suspension of antigen H (flagellar) Salmonella Typhi for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW11	1x20 ml
Coloured inactive bacterial suspension of antigen H (flagellar) Salmonella Typhi for the **qualitative determination** of the antibodies by agglutination on **slide** and the quantitative determination on microplates, according to Widal.	WF11	1x5 ml
Salmonella Typhi Total		
Coloured inactive bacterial suspension of antigens O and H Salmonella Typhi for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW12	1x20 ml
Coloured inactive bacterial suspension of antigens O and H Salmonella Typhi for the **qualitative determination** of the antibodies by agglutination on **slide** and the quantitative determination on microplates, according to Widal.	WF12	1x5 ml
Salmonella Paratyphi A AgO		
Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Paratyphi A for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW13	1x20 ml
Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Paratyphi A for the **qualitative determination** of the antibodies by agglutination on **slide** and the quantitative determination on microplates, according to Widal.	WF13	1x5 ml
Salmonella Paratyphi A AgH		
Coloured inactive bacterial suspension of antigen H (flagellar) Salmonella Paratyphi A for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW14	1x20 ml
Coloured inactive bacterial suspension of antigens H (flagellar) Salmonella Paratyphi A for the **qualitative determination** of the antibodies by agglutination on **slide** and the quantitative determination on microplates, according to Widal.	WF14	1x5 ml
Salmonella Paratyphi A Total		
Coloured inactive bacterial suspension of antigens O and H Salmonella Paratyphi A for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW15	1x20 ml
Coloured inactive bacterial suspension of antigens O and H Salmonella Paratyphi A for the **qualitative determination** of the antibodies by agglutination on **slide** and the quantitative determination on microplates, according to Widal.	WF15	1x5 ml
Salmonella Paratyphi B AgO		
Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Paratyphi B for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW16	1x20 ml
Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Paratyphi B for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal.	WF16	1x5 ml
Salmonella Paratyphi B AgH		
Coloured inactive bacterial suspension of antigen H (flagellar) Salmonella Paratyphi B for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW17	1x20 ml
Coloured inactive bacterial suspension of antigen H (flagellar) Salmonella Paratyphi B for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal.	WF17	1x5 ml
Salmonella Paratyphi B Total		
Coloured inactive bacterial suspension of antigens O and H Salmonella Paratyphi B for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	WW18	1x20 ml
Coloured inactive bacterial suspension of antigens O and H Salmonella Paratyphi B for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal.	WF18	1x5 ml

Widal Wright Serodiagnosis

Product	Ref	Packaging
Salmonella Paratyphi C AgO		
Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Paratyphi C for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	**WW23**	1x20 ml
Coloured inactive bacterial suspension of antigen O (somatic) Salmonella Paratyphi C for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal.	**WF23**	1x5 ml
Salmonella Paratyphi C AgH		
Coloured inactive bacterial suspension of antigen H (flagellar) Salmonella Paratyphi C for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	**WW22**	1x20 ml
Coloured inactive bacterial suspension of antigen H (flagellar) Salmonella Paratyphi C for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal.	**WF22**	1x5 ml
Salmonella Paratyphi C Total		
Coloured inactive bacterial suspension of antigen O and H Salmonella Paratyphi C for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal.	**WW24**	1x20 ml
Coloured inactive bacterial suspension of antigens O and H Salmonella Paratyphi C for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal.	**WF24**	1x5 ml
Proteus OX19		
Coloured inactive bacterial suspension for the **quantitative determination** of the antibodies associated to Rickettsie by agglutination in **tube test.**	**WW25**	1x20 ml
Coloured inactive bacterial suspension for the **qualitative determination** of the antibodies associated to Rickettsie by agglutination **on slide** and the quantitative determination on microplates.	**WF25**	1x5 ml
Proteus OX2		
Coloured inactive bacterial suspension for the **quantitative determination** of the antibodies associated to Rickettsie by agglutination in **tube test.**	**WW26**	1x20 ml
Coloured inactive bacterial suspension for the **qualitative determination** of the antibodies associated to Rickettsie by agglutination **on slide** and the quantitative determination on microplates.	**WF26**	1x5 ml
Proteus OXK		
Coloured inactive bacterial suspension for the **quantitative determination** of the antibodies associated to Rickettsie by agglutination in **tube test.**	**WW27**	1x20 ml
Coloured inactive bacterial suspension for the **qualitative determination** of the antibodies associated to Rickettsie by agglutination **on slide** and the quantitative determination on microplates.	**WF27**	1x5 ml
Brucella Total		
Coloured inactive bacterial suspension of Brucella for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Wright.	**WW19**	1x20 ml
Coloured inactive bacterial suspension of antigens Brucella for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Wright.	**WF19**	1x5 ml
Brucella Melitensis		
Coloured inactive bacterial suspension of Brucella Melitensis for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Wright.	**WW20**	1x20 ml
Coloured inactive bacterial suspension of antigens Brucella Melitensis for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Wright.	**WF20**	1x5 ml

Widal Wright Serodiagnosis

Product	Ref	Packaging
Brucella Abortus Coloured inactive bacterial suspension of Brucella Abortus for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Wright.	WW28	1x20 ml
Coloured inactive bacterial suspension of antigens Brucella Abortus for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Wright.	WF28	1x5 ml
Brucella Suis Coloured inactive bacterial suspension of Brucella Suis for the **quantitative determination** of the antibodies by agglutination in **tube test**, according to Wright.	WW29	1x20 ml
Widal Complete Kit *for tube test* Bacterial suspension for **quantitative determination** of the antibodies by agglutination in **tube test,** according to Widal.Complete kit containing the following bacterial suspensions: Salmonella Typhi AgO, AgH and total. Salmonella Paratyphi A AgO, AgH and total. Salmonella Paratyphi B AgO, AgH and total. Salmonella Paratyphi C AgO, AgH and total.	WW30	12x20 ml
Widal-Wright Kit *for tube test* Bacterial suspension for **quantitative determination** of the antibodies by agglutination in **tube test**, according to Widal and Wright. Multiple kit containing the following bacterial suspensions: Salmonella Typhi AgO, AgH. Salmonella Paratyphi A AgO, AgH. Salmonella Paratyphi B AgO, AgH. Salmonella Paratyphi C total. Brucella total.	WW31	8x20 ml
Widal-Wright Kit minor *for rapid slide test* Bacterial suspension for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal-Wright. Kit containing the following bacterial suspensions: Salmonella Typhi AgO, AgH. Salmonella Paratyphi A total. Salmonella Paratyphi B total. Brucella total.	WF35	5x5 ml
Widal-Wright Kit major *for rapid slide test* Bacterial suspension for the **qualitative determination** of the antibodies by agglutination **on slide** and the quantitative determination on microplates, according to Widal-Wright. Kit containing the following bacterial suspensions: Salmonella Typhi AgO, AgH. Salmonella Paratyphi A AgO, AgH. Salmonella Paratyphi B AgO, AgH. Brucella total.	WF37	7x5 ml

WW SERIES (1x20ml) – Bacterial Suspensions for ***TUBE Tests 40 TESTS*** (500 µl/test) 16-18h at 37°C.
WF SERIES (1x 5ml) – Bacterial Suspensions for ***SLIDE 100 TESTS*** (50µl/test) and ***MICROPLATE 500 Tests*** (10 µl/test) 24h at 37°C or 4h at 52°C. Controls and consumables available separately.

Controls and Consumables

Product	Ref	Packaging
Salmonella Control Kit Salmonella positive control and negative control. Use in conjunction with Widal Wright serodiagnosis tests.	WW50	1x0,5 ml + 1x0,5 ml
Brucella Control Kit Brucella positive control and negative control. Use in conjunction with Widal Wright serodiagnosis tests.	WW51	1x0,5 ml + 1x0,5 ml
Proteus Control Kit Proteus positive control and negative control. Use in conjunction with Widal Wright serodiagnosis tests.	WW52	1x0,5 ml + 1x0,5 ml
Slide light background Six area slides. Use in conjunction with Widal Wright serodiagnosis tests **REF WF**.	WF100	50 pcs
Stirrer Use in conjunction with Widal Wright serodiagnosis tests **REF WF** for qualitative assay.	WF102	10x25 pcs
Microplate U-well 96 positions microplate. Use in conjunction with Widal Wright serodiagnosis tests **REF WF** for quantitative assay.	WF101	3 pcs

Pregnancy

Product	Ref	Packaging
Pregnancy (hCG) Research of hCG in serum, plasma or urine. Chromatographic rapid test in lateral flow. Sensitivity: 20 mIU/mL.	CR507	40 Tests

Infectivity

Product	Ref	Packaging
Helicobacter Pylori Ag Qualitative detection of Helicobacter Pylori antigen in faeces. Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device.	CR202	25 Tests
Helicobacter Pylori Ab Direct research of antibodies Anti-Helicobacter Pylori antigen in whoole blood, plasma or serum. Chromatographic rapid test in lateral flow.	CR201	25 Tests
Rota-Adeno Virus Simultaneous qualitative detection of Rotavirus and Adenovirus antigens in human faeces specimens. Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device. Positive control (not included) separately supplied with Ref. CR107-CTR+.	CR107	25 Tests
Mononucleosis A rapid test for the diagnosis of Infectious Mononucleosis (IM) to detect Infectious Mononucleosis heterophile antibodies qualitatively in whole blood, serum or plasma. Chromatographic rapid test in lateral flow.	CR508	25 Tests
Tubercolosis (TB) A rapid test for the qualitative detection of anti-TB antibodies (Isotypes IgG, IgM and IgA) in whole blood, serum or plasma specimens. Chromatographic rapid test in lateral flow.	CR501	40 Tests
Streptococcus A Qualitative research of Streptococcus A antigen from throat swabs specimens. Chromatographic rapid test in lateral flow. Complete kit including extracting reagents and device.	CR204	25 Tests
Streptococcus B A rapid test for the qualitative detection of Strep B antigen in specimens taken from vaginal or rectal swabs of pregnant women, or general swabs from newborn. Extraction reagents, swabs and tubes included in the kit.	CR500	20 Tests
Streptococcus Pneumoniae Qualitative detection of Streptococcus Pneumoniae antigen in human urine specimens. Chromatographic rapid test in lateral flow. Complete kit including diluent, positive and negative control and device.	CR100	20 Tests
Legionella Pneumophila Qualitative detection of Legionella Pneumophila antigen serogroup 1 in human urine specimens to aid in the presumptive diagnosis of Legionella Pneumophila infection. Chromatographic rapid test in lateral flow. Complete kit including diluent, positive and negative control and device.	CR103	20 Tests
Influenza A-B Qualitative detection of influenza type A and type B nucleoprotein antigens in nasopharyngeal swab and nasal swab and nasal aspirate samples. The identification is based on the monoclonal antibodies specific for the nucleoprotein of Influenza virus A. Steril swabs and extraction tubes included. Chromatographic rapid test in lateral flow.	CR213	20 Tests
Clostridium Difficile GDH Qualitative detection of Clostridium Difficile GDH antigen in faeces. Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device. Positive control (not included) separately supplied with Ref. CR101-CTR+.	CR101	25 Tests
Clostridium Difficile Toxin A-B Simultaneous qualitative detection of C. difficile Toxin A-B antigens in human feces specimens . Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device. Positive control (not included) separately supplied with Ref. CR102-CTR+.	CR102	25 Tests

Product	Ref	Packaging
Escherichia Coli 0157 Direct research of Escherichia Coli O157 antigen in faeces. Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device.	CR108	25 Tests
Campylobacter Simultaneous qualitative detection of Campylobacter antigen in human faeces specimens . Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device. Positive control (not included) separately supplied with Ref. CR104-CTR+.	CR104	25 Tests
Giardia Lamblia Simultaneous qualitative detection of Giardia Lamblia antigen in human faeces specimens. Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device. Positive control (not included) separately supplied with Ref. CR105-CTR+.	CR105	25 Tests
Crypto-Giardia Simultaneous qualitative detection of Cryptosporidium and Giardia antigens in human faeces specimens. Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with buffer and device. Positive control (not included) separately supplied with Ref. CR106-CTR+.	CR106	25 Tests
Chlamydia (Ag) A rapid test for the qualitative detection of Chlamydia antigen in female cervical swab and male urethral swab.	1071	20 Tests
Neisseria Gonorrea A rapid test for the qualitative detection of Gonorrhea antigen in female cervical swab and male urethral swab specimens.	CR509	20 Tests
RSV Qualitative detection of Respiratory Syncytial Virus antigen from nasopharyngeal or throat swabs specimens. Chromatographic rapid test in lateral flow. Complete kit including swabs, extracting reagents and device.	CR109	20 Tests
HbsAg HBsAg Test is a rapid chromatographic immunoassay for the qualitative detection of Hepatitis B surface antigen (HBsAg) in human whole blood, serum or plasma.	HBSCWB40	40 Tests
HCV The HCV Test is a rapid chromatographic immunoassay for the qualitative detection of antibodies produced against the HCV virus in the whole blood, serum or plasma.	HCVC0040	40 Tests
HIV 1/2 HIV 1/2 Test is a rapid qualitative immunoassay for the detection of antibodies generated against all subtypes of Human Immunodeficiency Virus Type 1 (HIV-1) and Type 2 (HIV-2) in human whole blood, serum and plasma.	HIV00040	40 Tests
HEV IgG/IgM A rapid test for the qualitative detection of antibodies (IgG and IgM) to Hepatitis E Virus in human serum or plasma.	CR506	40 Tests
HAV IgG/IgM COMBO A rapid test for the qualitative detection of antibodies (IgG and IgM) to Hepatitis A Virus in human serum or plasma.	CR505	25 Tests
Syphilis Screening Research of antibodies anti-Treponema pallidum in whole blood.	CR203	25 Tests
Malaria pf/pan Research of Malaria P. falciparum specific histidine rich protein-2 (Pf HRP-2) and Malaria pan lactate dehydrogenase (PAN-LDH) in human blood samples.	CR211	25 Tests
Malaria pf/pv Research of Malaria P. falciparum specific histidine rich protein-2 (Pf HRP-2) and Malaria P. vivax specific lactate dehydrogenase (pvLDH) in human blood samples.	CR200	25 Tests

Cardiac Markers

Product	Ref	Packaging
CK-MB Serum research of specific cardiac fraction of Creatine Kinase. Chromatographic rapid test in lateral flow.	CR46	20 Tests
Myoglobin A rapid test for the diagnosis of myocardial infarction (MI) to detect Myoglobin qualitatively in whole blood, serum or plasma. Chromatographic rapid test in lateral flow.	CR504	10 Tests
Troponin I Serum, plasma and whole blood research of Troponin I. Chromatographic rapid test in lateral flow.	CR206	25 Tests

Tumoral Disease

Product	Ref	Packaging
F.O.B. (Fecal Occult Blood) Research of human haemoglobin in faeces. Highly specific monoclonal antibody, no free meat diet is required before to execute the test. Chromatographic rapid test in lateral flow. Complete kit including set of drawing and pre-treatment of sample.	CR53	40 Tests

Various

Product	Ref	Packaging
IgE Serum research of IgE. Chromatographic rapid test in lateral flow.	CR27	10 Tests
Microalbumin Semi-quantitative Semi-quantitative test for microalbumin research in urine. Chromatographic rapid test in lateral flow.	CR503	25 Tests
Calprotectin Qualitative detection of Calprotectin protein in human faeces specimens. Chromatographic rapid test in lateral flow. Complete kit including specimen collection vials with extraction buffer and device.	CR502	10 Tests

Controls

Product	Ref	Packaging
Clostridium Difficile GDH Positive Control Clostridium Difficile GDH positive control swab.	CR101-CTR+	1x1
Clostridium Difficile Toxin A-B Positive Control Clostridium Difficile Toxin A positive control swab and Clostridium Difficile Toxin B positive control swab.	CR102-CTR+	1x1 + 1x1
Campylobacter Positive Control Campylobacter positive control swab.	CR104-CTR+	1x1
Giardia Lamblia Positive Control Giardia Lamblia positive control swab.	CR105-CTR+	1x1
Crypto Positive Control Crypto positive control swab.	CR106-CTR+	1x1
Rota-Adeno Virus Positive Control Rotavirus positive control swab and Adenovirus positive control swab.	CR107-CTR+	1x1 + 1x1

Product	Ref	Packaging
Yellow Tips 5-200 µl	28052	1000 pcs
Blue Tips 200-1000 µl	28053	500 pcs
Sample cups 1,5 ml (Technicon)	24053	1000 pcs
Sample cups 3 ml (Hitachi)	18320	1000 pcs
Thermic Paper 57x70x12 mm	PH016	5 pcs
Thermic Paper 57x49x12 mm	PH160	5 pcs
Thermic Paper 110x49x12 mm	PH018	5 pcs
Thermic Paper 110x70x12 mm	PH180	5 pcs

Urine Tests

Strips

Product	Ref	Packaging
DIRUI H10 Reagent strips for H-50/100/300/500 with 10 parameters: Urobilinogen, Bilirubine, Ketone, Blood, Proteine, Nitrite, Leucocites, Glucose, Specific gravity, pH.	231011401001	100 Strips
DIRUI H11 Reagent strips for H-50/100/300/500 with 11 parameters: Urobilinogen, Bilirubine, Ketone, Blood, Proteine, Nitrite, Leucocites, Glucose, Ascorbic Acid, Specific gravity, pH.	231010601001	100 Strips

Consumables

Product	Ref	Packaging
Fast Read 102 Disposable slide for cells counting under microscope.	BVS100	100 Slides

TÜV InterCert SAAR

CERTIFICATE

Certificato n. / *Certificate No.* 14-Q-0200538-TIC

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

FUTURA SYSTEM GROUP S.r.l.
Via degli Olmetti 18
00060 Formello RM ITALY

E' CONFORME AI REQUISITI DELLA NORMA
IS IN COMPLIANCE WITH THE REQUIREMENTS OF STANDARD

ISO 9001:2015

QUESTO CERTIFICATO E' VALIDO PER LE SEGUENTI ATTIVITA'
THIS CERTIFICATE IS VALID FOR THE FOLLOWING ACTIVITIES

Progettazione, produzione e commercializzazione di dispositivi medico-diagnostici in vitro (IVD); commercializzazione di dispositivi medici; commercializzazione, installazione e servizi di post vendita di strumentazione per laboratori di analisi cliniche

Design, production and trade of in vitro diagnostic medical devices (IVD); trade of medical devices; trade, installation and post sales services of equipment for analysis of clinical laboratories

MEDIANTE UN AUDIT, RAPPORTO n. / *AN AUDIT WAS PERFORMED, REPORT No.* RR-0717-Q-TIC-MS-0200538-14

Data di prima emissione / First issuing 31.07.2014 — *Data di scadenza / Expiring date* 27.07.2020

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

DAkkS Deutsche Akkreditierungsstelle D-ZM-16012-01-00

TÜV InterCert SAAR

Bonn 28.07.2017

Dipl.- Ing. K. Lindenblatt
TÜV InterCert Certification Body

TÜV InterCert GmbH - Group of TÜV Saarland · Am Bonner Bogen 2 · 53227 Bonn GERMANY
www.tuv-intercert.org

CERTIFICATE ■ CERTIFICATO ■ ZERTIFIKAT ■ SERTİFİKA ■ CERTIFICADO ■ گواهینامه ■ ΠΙΣΤΟΠΟΙΗΤΙΚΟ ■ شهادة ■ 证明 ■ 証明書 ■ 인증서

FUTURA SYSTEM GROUP
IVD AND MEDICAL DEVICES

CERTIFICATO N° SGQ 13485-005/14

Apave Certification Italia S.r.l.
certifica che il sistema di gestione applicato da:
Apave Certification Italia S.r.l. certifies that the management system implemented by:

FUTURA SYSTEM GROUP S.r.l.

Sui seguenti siti:
On the following locations:

Via degli Olmetti, 18 – 00060 Formello – RM - ITALIA

Per le seguenti attività:
For the following activities:

Progettazione, produzione e commercializzazione di dispositivi medici-diagnostici in vitro (IVD). Commercializzazione di dispositivi medici. Commercializzazione, installazione e servizi post vendita di strumentazione per laboratori di analisi cliniche.
Design, manufacturing, marketing and sale of in vitro diagnostic (ivd) medical devices. Marketing and sale of medical devices. Marketing and sale, installation and after sales services of instruments for clinical laboratories.
IAF: 19 - 29

E' stato valutato conforme ai requisiti richiesti dalla norma:
Has been assessed to meet the requirements of standard:

EN ISO 13485:2012

Prima emissione *First issue*	25/07/2014
Valido dal *Effective date*	24/07/2017
Ultima modifica *Last modified*	24/07/2017
Scadenza Expiring date	28/02/2019

Urbano Strada
Direttore Generale di Apave Certification Italia S.r.l.
General Manager of Apave Certification Italia S.r.l.

Riferirsi alla documentazione del sistema di gestione per l'applicabilità dei requisiti della norma di riferimento.
Refer to the documentation of Management System for details of application to reference standard requirements.
Il presente certificato è soggetto al rispetto dei requisiti contrattuali di Apave Certification Italia S.r.l.
The use and the validity of the certification shall satisfy the contract requirements of Apave Certification Italia S.r.l.
Per informazioni puntuali e aggiornate circa lo stato della presente certificazione si prega di contattare il tel. +39 0633270123 oppure l'indirizzo e-mail info.certification.it@apave.com.
For precise and updated information regarding any changes in the status of certification as carried in the present certificate, please call the following phone number +39 0633270123 or send an email to info.certification.it@apave.com.

Mod. Certificato SG rev. 00

Warranty, terms and conditions will be specified in the economical proposal.
In accordance with standard MEDDEV 2.12-1 rev. 6 (December 2009) - GUIDELINES ON THE SYSTEM OF VIGILANCE MEDICAL DEVICES, users are required to report to the manufacturer or to the National Competent Authorities, depending on the practices in use at the national level, the accidents occurred with medical devices

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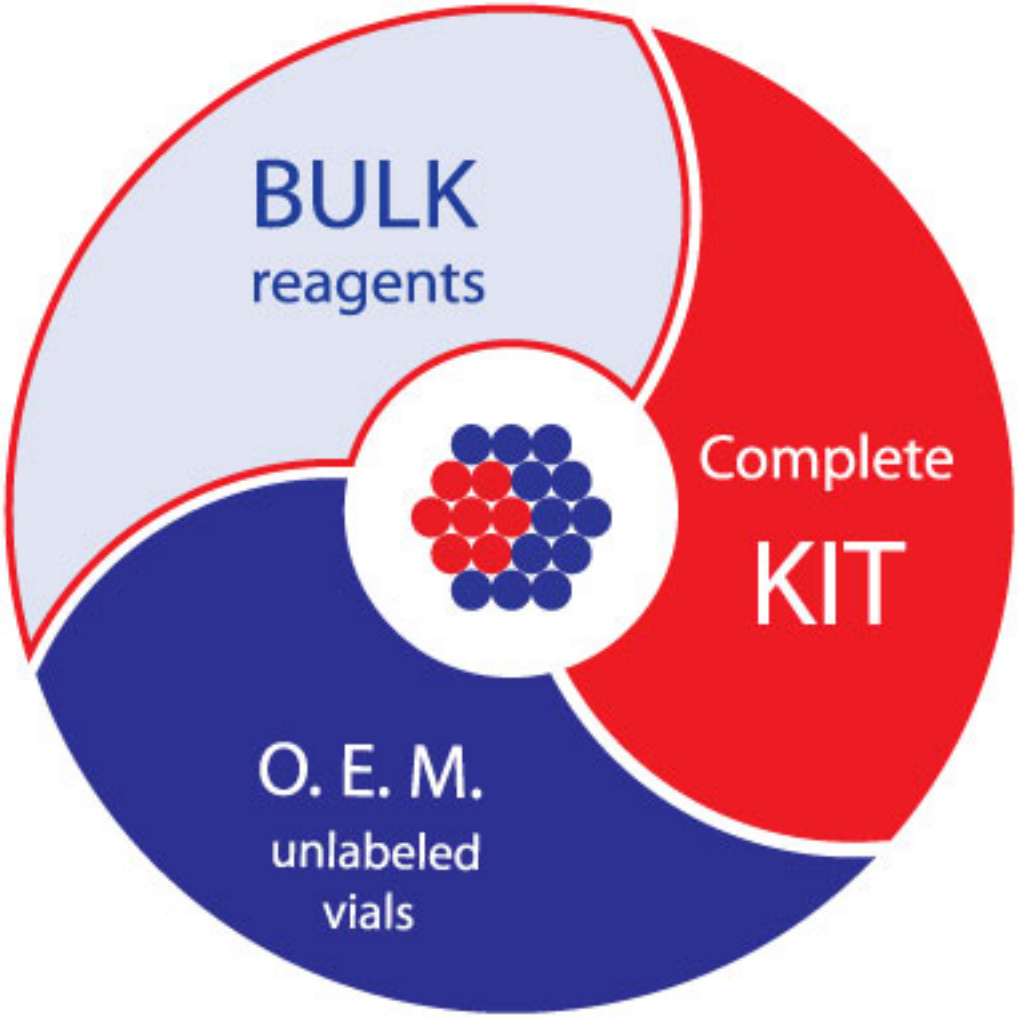

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IVD AND MEDICAL DEVICES