

LAB

SENTINEL

DIAGNOSTICS

WATCHING OVER LIFE



CATALOGUE

The mission of **SENTINEL DIAGNOSTICS** is the constant commitment to the research and development of innovative in-vitro diagnostics medical devices aimed at rendering clinical diagnostics more reliable as well as being a safe point of reference for laboratory medicine.



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ISSUED: November 2011

REV 1.0

Ref. DPL 601

LAB

FOB Gold[®]

The "Unique" system for the detection of occult blood in feces, ideal for automation in diagnosis and screening of colorectal cancer

RELIABLE

Immunological quantitative method for the detection of Occult Blood in Feces.

INNOVATIVE

Patented collection device usable on the most common automated clinical chemistry analyzers.

SAFE

New extraction buffer with improved hemoglobin stability at room temperature.

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www.sentinel diagnostics.com

Ref.	Product	Kit size
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SENT*i*FOB[®] SYSTEM

Instruments

580000	SENT i FOB[®] System Photometric analyzer for fully automatic Fecal Occult Blood determination - To be used together with FOB Gold [®] kit (REF 11560N) and the collection FOB Gold [®] Tube NG (REF 11561N) for feces sampling and as primary tubes on the analyzer - Throughput around 100 test/hr - System supplied with Computer, Monitor and Printer - Manual Bar Code reader available separately.	1 pcs
580001	SENT i FOB[®] SentiFob [®] Analyzer Unit	1 pcs
580005	Manual Bar Code Reader	1 pcs

Reagents

11560N	FOB Gold[®] NG Latex turbidimetric quantitative determination of human hemoglobin in feces - Liquid reagents, ready to use - Specific application for SENTIFOB [®] System - New Generation.	1x20; 1x20 mL
11561N	FOB Gold[®] Tube NG Collection tube for feces sampling to be used as primary tube (13x100 mm - security seal) for automatic analyzers.	100 pcs

Calibrators

11573	FOB Gold[®] Calibrator Lyophilized calibrator of human hemoglobin, stable after reconstitution 8 hours at 2-8 °C or 60 days at -20 °C - To be used with the FOB Gold [®] (REF 11560N).	2x2 mL
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Controls

11570	FOB Gold[®] Control Lyophilized control set (2 levels) of human hemoglobin - Stable after reconstitution 8 hours at 2-8 °C or 60 days at -20 °C - To be used with the FOB Gold [®] (REF 11560N).	2x (2x2) mL
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Accessories

SD8020	Primary tubes and pediatric Cups adapter Adapters to be used with the FOB Gold [®] Tube NG (REF 11561N).	80 pcs
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Ref.	Product	Kit size
SD8005	Reagent Rack	1 pcs
SD8003	Sample Tube Rack	1 pcs
Consumables		
SD8006	A4 Printer paper	5x500 pcs
SD8002	Concentrated System Liquid	1000 mL
SD8001	Concentrated Washing Solution	100 mL
11561P	FOB Gold® Pack 500 plastic patient envelopes for the FOB Gold® collection tube - 500 Italian/English IFU to be given out to the patient.	500 pcs
SD8007	Printer cartridge C703	1 pcs
SD8000	Reaction Rotors	10x120 pcs
SR8003	Lamp	1 pcs
SR8002	Probe	1 pcs

Ref.	Product	Kit size
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BIOLIS 24i System / PRESTIGE 24i System

Reagents

Reagents and kits in dedicated wedges for the Biolis 24i and Prestige 24i analyzers.

For calibrators and controls refer to pages 23-25 and 35-37.

SC6017	ALP Liquid Kinetic method according to DGKC	8x25; 8x7.2 mL
SC6005	ALT UV Liquid IFCC Optimized method	8x25; 8x7.2 mL
SC6004	AST UV Liquid IFCC Optimized method	8x25; 8x7.2 mL
SC6018	Amylase Liquid Protect pNP-G7 colorimetric method according to IFCC recommendations	8x25; 8x7.2 mL
SC6011	Bilirubin Direct Liquid Colorimetric Malloy Method	4x25; 4x7.2 mL
SC6010	Bilirubin Total Liquid Colorimetric Malloy Method	8x25; 8x7.2 mL
SC6012	Calcium Liquid Direct colorimetric method CPC (Cresolphthalein complexone)	8x25; 8x7.2 mL
SC6019	Cholesterol HDL Liquid NG Direct method "elimination technique" in homogeneous phase without precipitation	6x25; 6x9 mL
SC6020	Cholesterol LDL Liquid NG Direct method ("elimination technique") in homogeneous phase without precipitation	3x25; 3x9 mL
SC6006	Cholesterol Liquid Enzymatic colorimetric Trinder Method	10x25 mL

Ref.	Product	Kit size
SC6021	Cholinesterase Liquid Kinetic colorimetric optimized method according to DGKC recommendations	4x25; 4x7.2 mL
SC6014	CK-NAC Liquid Kinetic method according to IFCC (with starter)	4x25; 4x7.2 mL
SC6002	Creatinine Liquid Kinetic method alkaline picrate (Jaffè mod.)	8x25; 8x7.2 mL
SC6009	GammaGT Liquid Kinetic colorimetric according to Szasz mod./IFCC mod. method	8x25; 8x7.2 mL
SC6001	Glucose Liquid Enzymatic colorimetric Trinder method	10x25 mL
SC6016	LDH Liquid Kinetic method according to DGKC	4x25; 4x7.2 mL
SC6028	Lipase Color Liquid Colorimetric direct method with long chain substrate (dilauryl-glycerolglutaric-methylresorufine ester)	4x25; 4x7.2 mL
SC6007	Total Proteins Direct colorimetric Biuret method	10x25 mL
SC6008	Triglycerides Liquid Enzymatic colorimetric Trinder Method (TOOS)	10x25 mL
SC6003	Urea Liquid Kinetic UV method Ureasi-GLDH	8x25; 8x7.2 mL
SC6013	Uric Acid Liquid Enzymatic colorimetric Trinder method (TOOS)	10x25 mL
SC6025	ASO Latex Autom Immuno-turbidimetric determination of Anti-streptolysin O	3x9; 3x12 mL
SC6026	CRP Ultra Immuno-turbidimetric determination of CRP	3x13; 3x13 mL

Ref.	Product	Kit size
SC6027	RF Latex Autom Immuno-turbidimetric determination of Rheumathoid Factor (RF)	3x25; 3x9 mL
<p>Applications for the Biolis 24i and Prestige 24i analyzers: the reagents must be transferred into dedicated wedges for the analyzers.</p> <p>For calibrators and controls refer to pages 23-25 and 35-37.</p>		
11003N	Albumin	1x66; 1x11 mL
17600H	Albumin Liquid	6x65 mL
11135D	alpha 1-Acid Glycoprotein	2x50; 2x4 mL
11012N	alpha 1-Antitrypsin	2x50; 1x8 mL
17002B	Bile Acids TBA	5x10; 1x13 mL
11060D	C3	2x50; 2x4 mL
11062D	C4	2x50; 2x4 mL
17649H	CK-MB Liquid	1x65; 1x15 mL
11560N	FOB Gold® NG	1x20; 1x20 mL
17350H	Fructosamine	3x18 mL
11050D	Haptoglobin	2x50; 2x4 mL
17415A	Hemoglobin A1c Direct Latex	1x30; 1x9.5; 1x0.5 mL
11100D	IgA	2x50; 2x4 mL
11102D	IgG	2x50; 2x4 mL
11106D	IgM	2x50; 2x4 mL

Ref.	Product	Kit size
17648H	Iron Liquid	3x65; 1x15 mL
11504D	Lp(a) Ultra	1x18; 1x9 mL
17637H	Magnesium Liquid	6x20 mL
17182	Phosphorus Enzymatic	5x10 mL
11130D	Transferrin	2x50; 2x4 mL
17275	Urine Proteins	2x100 mL

Ref.	Product	Kit size
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KONELAB 30/60 System

Reagents

Reagents and kits in dedicated wedges for the Konelab 30/60 analyzers.

For calibrators and controls refer to pages 23-25. The below list reagents will be updated with new products during the year.

17632Y	Amylase Liquid Protect pNP-G7 colorimetric method according to IFCC recommendations.	4x55; 4x15.5 mL
11501Y	ASO Latex Autom Immuno-turbidimetric determination of Anti-streptolysin O.	2x12; 2x18 mL
17201Y	Cholesterol HDL Liquid NG Direct method "elimination technique" in homogeneous phase without precipitation.	2x54.5; 2x18 mL
17203Y	Cholesterol LDL Liquid NG Direct method "elimination technique" in homogeneous phase without precipitation.	1x54.5; 1x18 mL
17644Y	Cholesterol Liquid Enzymatic colorimetric Trinder Method.	6x65 mL
17649Y	CK-MB Liquid Immunological test method for the determination of CK-MB sub-units by inhibitor antibodies.	1x61; 1x18 mL
11508Y	CRP Ultra Immuno-turbidimetric determination of CRP.	2x18; 2x18 mL
17648Y	Iron Liquid Direct colorimetric Ferene method without deproteinization on serum and plasma.	4x55; 2x9.5 mL
11506Y	RF Latex Autom NG Immuno-turbidimetric determination of Rheumathoid Factor (RF).	2x49; 2x18 mL
17624Y	Triglycerides Liquid Enzymatic colorimetric Trinder Method (TOOS).	6x65 mL
17639Y	UIBC Liquid Unsaturated Iron Binding Capacity - Determination with direct Ferene method in homogeneous phase with liquid reagents.	6x30; 3x8 mL

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Homocysteine

Two Liquid Reagents



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S-UV Sentinel Universal Vials

Clinical Chemistry

Ref.	Product	Kit size mL
17617	Acid Phosphatase	6x20
17600H	Albumin Liquid	6x65
17003	Aldolase	5x20
17308H	ALP Liquid	4x20; 1x20
17234H	ALT UV Liquid	2x65; 1x19
17660	Ammonia Ultra (*)	3x20
17632H	Amylase Liquid	1x65; 1x18
17224H	AST UV Liquid	2x65; 1x19
17002B	Bile Acids TBA (*)	5x10; 1x13
17643H	Bilirubin Direct Liquid	4x45; 1x15
17642H	Bilirubin Total Liquid	7x45; 1x20
17667H	Calcium Liquid	3x55; 1x50
17201H	Cholesterol HDL Liquid NG	1x65; 1x20
17203H	Cholesterol LDL Liquid NG	1x65; 1x20
17644H	Cholesterol Liquid	6x65
17019H	Cholinesterase Liquid	2x50; 1x20
17296H	CK-NAC Liquid	1x65; 1x18
17649H	CK-MB Liquid	1x65; 1x15
17638H	Copper (*)	5x20; 1x21
17654H	Creatinine Enz Liquid	2x50; 2x18
17609H	Creatinine Liquid	3x65; 3x65
17350H	Fructosamine (*)	3x18
17336H	Gamma GT Liquid	1x65; 1x18
17630H	Glucose Liquid	6x65
17370H	Homocysteine Liquid (*)	1x30; 1x5
17648H	Iron Liquid	3x65; 1x15
17294H	LDH Liquid	3x65; 1x19
17616H	Lipase Color Liquid	4x50; 2x21
17637H	Magnesium Liquid	6x20
17631H	Pancreatic Amylase	1x65; 1x18

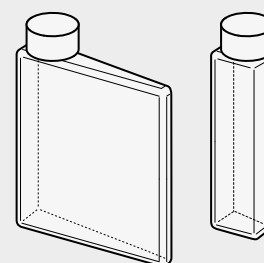
Ref.	Product	Kit size mL
17619H	Phosphorus	6x65
17620H	Total Protein	6x65
17624H	Tryglicerides Liquid	6x65
17629H	Urea Liquid	3x65; 1x20
17658H	Uric Acid Liquid	4x65
17640H	Zinc (*)	5x20; 1x11

Immunology

Ref.	Product	Kit size mL
11501D	ASO Latex Autom	2x15; 2x20
11505H	Beta-2 Micro Latex CN	2x20; 2x10
11508A	CRP Ultra	3x50; 3x50
11508H	CRP Ultra	2x20; 2x20
11510A	Cystatin C	1x46; 1x13
11509A	Ferritin Ultra CN	1x19; 1x10
11504D	Lp(a) Ultra	1x18; 1x9
11507H	Myo Latex Autom CN	1x20; 1x7
11506H	RF Latex Autom NG	1x42; 1x16

Note: product sizes could be subject to change for kit optimization reasons.

(*) Calibrator included in the kit.



New packaging
universal vials

S-UV Sentinel Universal Vials

S-UV: Sentinel's new ready-to-use reagents for some of the most commonly used Clinical Chemistry automated analyzers:

- AU Series
- ADVIA Series
- Hitachi Modular
- Hitachi 917
- DIRUI Series
- Mindray BS-800

Ref.	Product	Kit size
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REAGENTS

The actual number of tests per kit that can be performed depends on the application used and on the model of automated analyzer used. We therefore recommend that you consult our website www.sentinel diagnostics.com or contact our Customer Service (customerservice@sentinel.it) to obtain the validated applications for the instrument you intend to use.

For calibrators and controls refer to pages 23-25.

Acid Phosphatase

17617	Acid Phosphatase	S-UV	6x20 mL
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(TOTAL AND PROSTATIC) - Kinetic colorimetric method - Wavelength 405 nm - Stable 7 days at 2-8°C from the preparation date - Temp. 37°C - Citrate buffer - Substrate chromogen: alpha-naphthylphosphate-Fast Red TR salt - Ratio: Sample/Reagent 1/10 - Kinetic reading - Lag phase 4 min. - Reading time 2 min. - Linearity 75 U/L.

Albumin

17600H	Albumin Liquid	S-UV	6x65 mL
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Bromocresol green method - Wavelength 600 nm - SINGLE LIQUID REAGENT - Ratio: Sample/Reagent 1/120 - Immediate reading; color stable 1 hour - Linearity 7 g/dL.

Aldolase

17003	Aldolase	S-UV	5x20 mL
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Enzymatic UV method with TPI-GDH - Wavelength 340 nm - THREE REAGENTS with min stability of 14 days from the preparation date - Ratio: Sample/Reagent 1/Reagent 2/Reagent 3: 1/12.5/0.25/0.05 - Kinetic reading with reaction time 25 min - Linearity 30 U/L - Sensitivity 1 U/L.

Alkaline Phosphatase

17308H	ALP Liquid	S-UV	4x20; 1x20 mL
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DGKC optimized kinetic method - Wavelength 415 nm - Temperature 37 °C -DEA buffer and starter PNPP Liquid - Kinetic reading - TWO LIQUID REAGENTS - Ratio: Sample/Reagent 1/Reagent 2: 1/50/12.5 - Lag phase 1 min - Reading time 3 min - Linearity 700 U/L.

ALT/AST

17238M	ALT MicrowellAutom		
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Enzymatic colorimetric test on microwell - to be used for the determination of ALT on automatic EIA analyzers. - POX/POD/ESHPT method - End-point Wavelength 550 nm - Ratio: Sample/Reagent 1/Reagent 2: 1/5/5/2.5 - Reaction time 60 min - Linearity 300 U/L - Good correlation with IFCC method - Lyophilized Calibrator (2x1 mL) included in the kit.

Ref.	Product	Kit size
17613	ALT UV Liquid	6x80; 4x21 mL
17234H	ALT UV Liquid IFCC optimized UV method - Wavelength 340 nm - TWO LIQUID REAGENTS with substrate starter - Ratio: Sample/Reagent1/Reagent 2: 1/11/1.5 - Kinetic reading - Lag phase 1 min - Reading time 3 min - Linearity 300 U/L. Upon request: auxiliary reagent Pyridoxalphosphate (P5P) 40 tablets REF 16226, to conform with IFCC recommendations. Each tablet must be dissolved in 50 mL of Reagent 1.	S-UV 2x65; 1x19 mL
17612	AST UV Liquid	6x80; 4x21 mL
17224H	AST UV Liquid IFCC optimized UV method - Wavelength 340 nm - TWO LIQUID REAGENTS with substrate starter - Ratio: Sample/Reagent 1/Reagent 2: 1/10/1 - Kinetic reading - Lag phase 1 min - Reading time 3 min - Linearity 200 U/L. Upon request: auxiliary reagent Pyridoxalphosphate (P5P) 40 tablets REF 16226, to conform with IFCC recommendations. Each tablet must be dissolved in 50 mL of Reagent 1.	S-UV 2x65; 1x19 mL
16226	Pyridoxalphosphate (P5P) Auxiliary reagent for ALT/AST method IFCC; each tablet must be dissolved in 50 mL of Reagent 1 - Ready for use with REF 17613, REF 17234H, REF 17612, REF 17224H.	40 pcs

Ammonia

17660	Ammonia Ultra Enzymatic UV method (GLDH) - SINGLE LIQUID REAGENT - Wavelength 340 nm - Ratio: Sample/Reagent 1/11 - Linearity 1700 µg/dL - Standard included in the kit - Three levels Ammonia Controls (REF 16635) are available separately.	S-UV 3x20 mL
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Amylase

17632H	Amylase Liquid Protected pNPG7 (EPS) colorimetric method according to IFCC recommendations - Wavelength 415 nm - TWO LIQUID REAGENTS -Ratio: Sample/Reagent 1/Reagent 2: 1/25/6.25 - Kinetic reading - Lag phase 1 min - Reading time 3 min - Linearity 1500 U/L.	S-UV 1x65; 1x18 mL
17631	Pancreatic Amylase	<i>To be discontinued</i> 2x40; 1x20 mL

Ref.	Product	Kit size
17631H	Pancreatic Amylase Liquid Blocked pNPG7 (EPS) kinetic method according to IFCC recommendations - Inhibition of salivary amylase with double monoclonal antibodies- Wavelength 415 nm - TWO LIQUID REAGENTS - Ratio: Sample/Reagent 1/Reagent 2: 1/25/6.25 - the same R2 as in the alpha Amylase Liquid kit is used - Kinetic reading - Reaction time 8 min - Linearity 2000 U/L.	S-UV 1x65; 1x18 mL

Bile Acids

17002B	Bile Acids TBA Enzymatic colorimetric method with NBT - Wavelength 546 nm - Minimum stability of reagents 7 days after preparation - TWO REAGENTS (fixed time reaction in 5 min) - Ratio: Sample/Solution R1/Reagent 2: 1/2/0.5 - Linearity 200 µmol/L - Standard included, Bile Acids Controls (REF 16002A) available separately.	S-UV 5x10; 1x13 mL
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Bilirubin Direct

17643H	Bilirubin Direct Liquid Colorimetric Jendrassik and Grof method - Wavelength 570 nm - Two analytical procedures: TWO REAGENTS with sample blank, n. tests (60-180) - Ratio: Sample/Reagent 1/Reagent 2: 1/15/0.5 and single reagent without sample blank n. tests (120-360) - Ratio: Sample/Reagent: 1/15 - Reaction time 2 min - Linearity 20 mg/dL.	S-UV 4x45; 1x15 mL
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Bilirubin Total

17642H	Bilirubin Total Liquid Colorimetric Jendrassik and Grof method - Wavelength 570 nm - Two analytical procedures: TWO REAGENTS with sample blank, n. tests (120-180) - Ratio: Sample/Reagent 1/Reagent 2: 1/15/0.5 and single reagent without sample blank, n. tests (240-360) Ratio: Sample/Reagent 1/15 - Reaction time 5 min - Linearity 20 mg/dL.	S-UV 7x45; 1x20 mL
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Calcium

17667H	Calcium Liquid Direct colorimetric method CPC (Cresolphthalein complexone) - Wavelength 600 nm - TWO REAGENTS LIQUID READY TO USE - Ratio: Sample/Reagent 1/Reagent 2: 1/25/10 - Reaction time 10 min at 37 °C - Linearity 20 mg/dL.	S-UV 3x55; 1x50 mL
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Chlorides

17170	Chlorides Direct colorimetric method according to Schoenfeld - Wavelength 480 nm - LIQUID SINGLE REAGENT - Without sample blank - Ratio: Sample/Reagent 1/100 - End-Point reaction 5 min - color stable 120 min - Linearity 120 mEq/L - Standard included in the kit.	2x100 mL
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Ref.	Product	Kit size
Cholesterol		
17627	Cholesterol Liquid Standard included in the kit.	<i>To be discontinued</i> 6x90 mL
17644H	Cholesterol Liquid Enzymatic colorimetric Trinder method - Wavelength 505 nm - SINGLE LIQUID REAGENT - Ratio: Sample/Reagent 1/100 - End-Point reaction 5 min - color stable 60 min - Linearity 700 mg/dL.	S-UV 6x65 mL
Cholesterol HDL		
17201R	Cholesterol HDL Liquid NG	6x90; 4x45 mL
17201H	Cholesterol HDL Liquid NG Direct method ("elimination technique") in homogeneous phase - Without precipitation (US Patent N° 6,479,249 B2) - Wavelength 600 nm - TWO REAGENTS - LIQUID, READY TO USE - Improved performances - Ratio: Sample/Reagent 1/Reagent 2: 1/75/25 - Reaction time 8 min - Linearity 150 mg/dL - Calibrator (REF 11202H, REF 16203S and REF 16550) and Controls (REF 34Q021, REF 16150, REF 16250 and REF 16204A) available separately.	S-UV 1x65; 1x20 mL
Cholesterol LDL		
17203H	Cholesterol LDL Liquid NG Direct method ("elimination technique") in homogeneous phase without precipitation (US Patent N° 6,194,164,B1) - Wavelength 600 nm - TWO LIQUID REAGENTS - READY TO USE - Improved performances - Ratio: Sample/Reagent 1/Reagent 2: 1/75/25 - Reaction time 10 min - Linearity 1000 mg/dL - Calibrator (REF 16203S or REF 16550) and Controls (REF 34Q021, REF 16150, REF 16250 and REF 16204A) available separately.	S-UV 1x65; 1x20 mL
Cholinesterase		
17019A	Cholinesterase Liquid	<i>To be discontinued</i> 2x50; 1x20 mL
17019H	Cholinesterase Liquid Kinetic-colorimetric optimized method according to DGKC recommendations - Substrate Butyrylthiocholine - TWO LIQUID REAGENTS - Wavelength 415 nm - Ratio: Sample/Reagent 1/Reagent 2: 1/50/10 - Kinetic reading - Lag phase 90 sec - Reading time 90 sec - Linearity 22.000 U/L.- FDA 510 (K) number: K981800.	S-UV 2x50; 1x20 mL
CK		
17296H	CK-NAC Liquid Kinetic method according to IFCC recommendations - Wavelength 340 nm - Temperature 37 °C - TWO LIQUID REAGENTS with substrate starter - Ratio: Sample/Reagent 1/Reagent 2: 1/20/5 at 37 °C - Kinetic reading - Lag phase 2 min - Reading time 3 min - Linearity 1000 U/L.	S-UV 1x65; 1x18 mL

Ref.	Product	Kit size
CK-MB		
17649	CK-MB Liquid	<i>To be discontinued</i> 2x44; 2x12 mL
17649H	CK-MB Liquid Immunological test method for the determination of CK-MB sub-units by inhibitor antibodies - Wavelength 340 nm - Temperature 37 °C – TWO LIQUID REAGENTS -Ratio: Sample/Reagent 1/Reagent 2 : 1/20.8/4.2 - Measuring range up to 1000 U/L – Calibrator (REF 16299C) and Control (REF 16299S) available separately.	S-UV 1x65; 1x15 mL
Copper		
17106	Copper	5x10; 1x3 mL
17638H	Copper Direct colorimetric DiBr-PAESA method - Wavelength 582 nm - Without deproteinization on serum and plasma - TWO REAGENTS stable 30 days at 2-8 °C after reconstitutions - End-Point reaction in 5 min at 37 °C - color stable 60 min - Ratio: Sample/Reagent 1/Reagent 2: 1/20/4 - Linearity 500 µg/dL - Standard included in the kit.	S-UV 5x20; 1x21 mL
17109	Copper Urine Direct colorimetric method DiBr-PAESA - Wavelength 582 nm - Without deproteinization on urine - Ratio: Sample/Reagent 1/Reagent 2: 10/1/1 - End-Point reaction in 5 min at room temperature.- Linearity 20 µg/dL - Standard included in the kit.	4x3 mL
Creatinine		
17654H	Creatinine Enz Liquid Enzymatic colorimetric Trinder method (SOX-POD-ESPMT) without deproteinization with starter reagent - Wavelength 546 nm - Fixed time reaction: reaction time 5 min after starter with blank sample subtraction - Ratio: Sample/Reagent 1/Reagent 2: 1/45/15 - Linearity 50 mg/dL.	S-UV 2x50; 2x18 mL
17609H	Creatinine Liquid Kinetic method with alkaline picrate (Jaffe' mod.) - Wavelength 505 nm - Without deproteinization - TWO LIQUID REAGENTS - Ratio: Sample/Reagent 1/Reagent 2: 1/6.25/6.25 - Fixed time reaction - Lag phase 60 sec - Reading time 1 min - Linearity 15 mg/dL.	S-UV 3x65; 3x65 mL
Dibucaine		
17018	Dibucaine CHE Liquid Auxiliary reagent for the determination of the dibucaine number (DN); to be used with Cholinesterase Liquid REF 17019A and REF 17019H - Stable 30 days at 2-8 °C - Reaction time 3 min.	6x50 mL

Ref.	Product	Kit size
Fructosamine		
17350H	Fructosamine Colorimetric method with NBT - SINGLE REAGENT stable 14 days after reconstitution - Ratio: Sample/Reagent 1/19.2 - Wavelength 546 nm - Fixed Time reaction from 9 to 10 min - Calibrator is included in the kit, Controls (REF 16352 and REF 16353) available separately.	S-UV 3x18 mL
Gamma - GT		
17336H	Gamma GT Liquid Kinetic colorimetric according to Szaz mod/IFCC mod. method. - Buffer and substrate liquid Carboxy-Glupa - Wavelength 415 nm - Temperature 37 °C - TWO LIQUID REAGENTS - Ratio: Sample/Reagent 1/Reagent 2: 1/10/2.5 - Kinetic reading - Lag phase 30-60 sec - Reading time 3 min - Linearity 700 U/L.	S-UV 1x65; 1x18 mL
Glucose		
17630H	Glucose Liquid Enzymatic colorimetric Trinder method - Wavelength 505 nm - SINGLE LIQUID REAGENT - Ratio: Sample/Reagent 1/100 - End-Point reaction 10 min - Color stable 60 min - Linearity 400 mg/dL.	S-UV 6x65 mL
Glucose-6-phosphate dehydrogenase		
17005	G6P-DH Enzymatic UV method with NADP on erythrocytes - Wavelength 340 nm - THREE REAGENTS, stable at least 4 weeks after preparation - Kinetic reading - Lag phase 0 sec - Reading 3 min - Total reaction time 8 min (erythrocytes). Recommended controls: (REF G5888 Control Deficit, REF G5029 Control Intermediate and REF G6888 Control Normal) – Available through Trinity Biotech - Ireland.	100 mL
HBDH		
17636	HBDH Liquid a-hydroxybutirate dehydrogenase DGKC optimized UV method - LIQUID REAGENTS - Wavelength 340 nm - Temp. 30-37 °C - TWO REAGENTS - Ratio: Sample/Reagent 1/Reagent 2: 1/30/3 - Kinetic reading - Lag phase 60 sec. - Reading time 3 min - Linearity 500 U/L at 37 °C.	2x50; 1x12 mL
Hemoglobin A1c		
17415A	Hemoglobin A1c Direct Latex Hemoglobin Direct immuno-turbidimetric latex determination - Wavelength 600 nm - TWO REAGENTS: 1 month stability on board after R2 preparation - Ratio : Sample/Reagent 1/Reagent 2 : 1/40/13.3 - Linearity 2 - 16% HbA1c - Calibrator (REF 17418) and Control (REF 17419) available separately.	1x30; 1x9.5; 1x0.5 mL

Ref.	Product	Kit size
17416	Hemolysis Reagent HbA1c Auxiliary reagent to be used with the kit Hemoglobin A1c Direct Latex (REF 17415A) for samples hemolysis.	3x90 mL

Homocysteine

17370H	Homocysteine Enzymatic Homocysteine assay in serum and heparinised plasma using a new Liquid Stable (LS) 2-part homocysteine reagent for quantitative determination - The concentration of HCY in the sample is directly proportional to the conversion rate of NADH at 340 nm – TWO REAGENTS – Ratio: Sample/Reagent 1/ Reagent 2: 1 / 15.1 / 1.5 – Linearity 1- 50 umol/L – Sensitivity 1 umol/L - Calibrator included in the kit – Controls (REF 16370S) available separately.	S-UV 1x30; 1x5 mL
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Iron

17648H	Iron Liquid Direct colorimetric Ferene method without deproteinization on serum and plasma - Ratio: Sample/ Reagent 1/Reagent 2: 1/12.5/1 - TWO LIQUID REAGENTS - Wavelength 600 nm. Linearity 1000 µg/ dL - End-Point reaction in 5 min at 37 °C - Sample blank required - Volumes R1 and R2 are balanced for automated analyzers.	S-UV 3x65; 1x15 mL
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17101G	Iron Liquid Manual, direct colorimetric Ferene method without deproteinization on Serum and Plasma - Ratio: Sample/ Reagent 1/Reagent 2: 1/5/0.25 - TWO LIQUID REAGENTS - Wavelength 590 nm - Linearity 1000 µg/ dL - End-Point reaction in 5 min at 37 °C - Sample blank required - Standard included in the kit.	2x100; 1x10 mL
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Iron Binding Capacity

17639	UIBC Liquid Unsaturated Iron Binding Capacity - Determination with direct Ferene method in homogeneous phase with liquid reagents - Wavelength 593 nm - TWO REAGENTS - Reagents stable 60 days at 2-8 °C - Ratio: Sample/Reagent 1/Reagent 2: 1/10/1 - Standard included in the kit - Reaction time 10 min.	2x40; 1x11 mL
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Lactate

17285	Lactate Dry-Fast Enzymatic colorimetric Trinder method - serum, plasma or liquor - Without sample blank - Wavelength 550 nm - SINGLE REAGENT stable 30 days at 2-8 °C after reconstitution - Ratio: Sample/Reagent 1/100 - End-Point reaction 5 min - color stable 60 min - Linearity 150 mg/dL - Standard included in the kit.	5x10 mL
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LDH

17294H	LDH Liquid Optimized SFBC UV method (pyruvate-lactate) Wavelength 340 nm - TWO LIQUID REAGENTS with substrate starter - Ratio: Sample/Reagent 1/Reagent 2: 1/50/5 - Kinetic reading - Lag phase 60 sec - Reading time 3 min - Linearity 1200 U/L - Volumes R1 and R2 are balanced for automated analyzer. Note - Recommended calibrator: REF 16550 Clin Chem Cal (Mod. DGKC).	S-UV 3x65; 1x20 mL
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Ref.	Product	Kit size
Lipase		
17401B	Lipase Color Liquid Calibrator included in the kit.	4x10; 1x8 mL
17616H	Lipase Color Liquid Colorimetric direct method with long chain substrate (dilauryl-glyceroglutaric-methylresorufineester) specific for lipase - Liquid emulsion - TWO LIQUID REAGENTS - Temperature 37 °C - Wavelength 570 nm - Ratio: Sample/Reagent 1/Reagent 2: 1/100/20 - Kinetic reading - Lag phase 1 min - Reading 2 min - Linearity 250 U/L (methylresorufine units) - FDA 510 (K) number: K961179.	S-UV 4x50; 2x21 mL
Magnesium		
17637H	Magnesium Liquid Direct colorimetric method Xilidil Blue-1 - Wavelength 505 nm - LIQUID SINGLE REAGENT - Without sample blank - Ratio: Sample/Reagent 1/100 - Immediate reading - Color stable 30 min - Linearity 10 mg/dL.	S-UV 6x20 mL
Phospholipids		
17320	Phospholipids Enzymatic colorimetric Trinder method - Wavelength 520 nm - SINGLE REAGENT stable 15 days at 2-8 °C after reconstitution- Ratio: Sample/Reagent 1/100 - End-Point reaction in 10 min - Color stable 30 min - Linearity 1000 mg/dL - Standard included in the kit.	5x10 mL
Phosphorus		
17619H	Phosphorus Molybdenum blue direct method - Wavelength 650 nm - SINGLE REAGENT stable 60 days at 2-8 °C after reconstitutions - Ratio: Sample/Reagent 1/30 - End-Point reaction 3 min - color stable 60 min - Linearity 10 mg/dL - Standard included in the kit.	S-UV 6x65 mL
17182	Phosphorus Enzymatic Enzymatic colorimetric Trinder method - Wavelength 520 nm - SINGLE REAGENT stable 15 days at 2-8 °C after reconstitution - Ratio: Sample/Reagent 1/100 - End-Point reaction 5 min - Color stable 30 min - Linearity 20 mg/dL - Standard included in the kit.	5x10 mL
Proteins		
17620H	Total Proteins Direct colorimetric Biuret method - Wavelength 546 nm - LIQUID SINGLE REAGENT - Ratio: Sample/Reagent 1/100 - End-Point reaction 15 min - Color stable 60 min - Linearity 10 g/dL.	6x65 mL

Ref.	Product	Kit size
17275	Urine Proteins Direct colorimetric method with Pyrogallol Red at high sensitivity - Wavelength 600 nm - Without sample blank - SINGLE LIQUID REAGENT - Ratio: Sample/Reagent 1/20 - End-point reaction 1 min - color stable 30 min - Linearity 100 mg/dL (Extended to 500 mg/dL by using a Sample/Reagent Ratio: 1/100) - Sensitivity 2 mg/dL - 2 levels of human albumin included in the kit to be used separately for high sensitivity or high linearity procedure. Recommended controls: (REF 34Q015 CTRL1 Urine Chemistry and REF 34Q016 CTRL2 Urine Chemistry) - Quantimetrix Corp., CA - USA.	2x100 mL

Triglycerides		
17628	Triglycerides Liquid <i>To be discontinued</i>	6x90 mL
17624H	Triglycerides Liquid Enzymatic colorimetric Trinder method (TOOS) - Wavelength 546 nm - SINGLE LIQUID REAGENT - Ratio: Sample/Reagent 1/100 - End-Point reaction 5 min - color stable 30 min - Linearity 1000 mg/dL.	S-UV 6x65 mL

Urea		
17629	Urea Liquid <i>To be discontinued</i>	8x50; 3x21 mL
17629H	Urea Liquid Kinetic UV method Urease-GLDH- Wavelength 340 nm - TWO LIQUID REAGENTS - Ratio: Sample/Reagent 1/Reagent 2: 1/100/10 - Fixed time reading - Lag phase 30 sec- Reading 30 sec. - Linearity 350 mg/dL - Volumes R1 and R2 are balanced for automated analyzer.	S-UV 3x65; 1x20 mL

Uric Acid		
17658H	Uric Acid Liquid Enzymatic Trinder method (TOOS) on serum, plasma and urin - Wavelength 546nm - SINGLE LIQUID REAGENT - Ratio: Sample/Reagent 1/42 - End-Point reaction 5 min - Color stable 10 min - Linearity 25 mg/dL.	S-UV 4x65 mL

Zinc		
17255	Zinc	5x10; 1x5 mL
17640H	Zinc Direct colorimetric method with 5-Br-PAPS - Wavelength 560 nm - Without deproteinization on Serum, Plasma and Seminal fluid - TWO REAGENTS: one liquid ready for use, the other one stable 10 days at 2-8 °C after reconstitution - Ratio: Sample/Reagent 1/Reagent 2: 1/20/2 - End-Point reaction 30 sec. at 37 °C - Color stable 60 min. - Linearity 2000 µg/dL - Standard included in the kit.	S-UV 5x20; 1x11 mL

Ref.	Product	Kit size
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CALIBRATORS

Multiparameters

11202H	Apo-A1/Apo-B/HDL Cal	3x2 mL
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Lyophilized human based serum - Stable 30 days at -20 °C or 7 days at 2-8 °C after reconstitution - For Kits Apolipoprotein A-1 (REF 11040D, REF 11040N), Apolipoprotein B (REF 11042D, REF 11042N) and Cholesterol HDL Liquid NG (REF 17201R, REF 17201H).

16550	Clin Chem Cal	4x3 mL
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Lyophilized human based serum for the following calibration of clinical chemistry assays: ACP, ACP-NPP, ALB, ALD, ALP, ALT/ALAT/GPT, AMY, AMY-P, AST/ASAT/GOT, BIL-D, BIL-T, Ca, CHE, CHOL, CK, Cl, CREA, Fe, GGT, GLUC, HBDH, HDL-C, LACT, LDH P-L, LDL-C, Li, LPS, Mg, PHOS, PL, TG, TP, UA, UREA.

16203S	HDL/LDL Calibrator	2x1 mL
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Lyophilized human based serum - Stable 7 days at 2-8 °C after reconstitution or 30 days at -20 °C; Calibration for the kits Cholesterol HDL Liquid NG (REF 17201R, REF 17201H) and Cholesterol LDL Liquid NG (REF 11203H).

Specific Test

16299C	CK-MB Calibrator	2x1 mL
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Lyophilized human based serum, stable 30 days at -20°C after reconstitution - Calibrator for CK-MB Liquid (REF 17649H).

11573	FOB Gold® Calibrator	2x2 mL
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Lyophilized calibrator of human hemoglobin, stable after reconstitution 8 hours at 2-8 °C or 60 days at -20 °C - To be used with the FOB Gold® (REF 11560N).

17418	Hemoglobin A1c Cal Set (4 levels)	4x0.5 mL
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Lyophilized calibrator set (4 levels) to be used with the kit Hemoglobin A1c Direct Latex (REF 17415A) - Approx. range from 5,3 to 14,5% HbA1c.

16401	Lipase Calibrator	4x1 mL
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Lyophilized human based serum - Substrate methylresorufine - Stable 7 days at 2-8 °C after reconstitution - Calibrator for Lipase Color Liquid (REF 17401B, REF 17616H).

Ref.	Product	Kit size
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CONTROLS

Multiparameters

16150 **Clin Chem Control 1** 6x5 mL

16250 **Clin Chem Control 2** 6x5 mL

Lyophilized human based serum - Value ranges normal (REF 16150) and abnormal (REF 16250) for: ACP, ACP-NPP, ALB, ALD, ALP, ALT/ALAT/GPT, AMY, AMY-P, AST/ASAT/GOT, BIL-D, BIL-T, Ca, CHE, CHOL, CK, Cl, CREA, Cu, Fe, GGT, GLUC, HBDH, HDL-C, K, LACT, LDH P-L, LDL-C, Li, LPS, Mg, Na, PHOS, PL, TG, TP, UA, UIBC, UREA, Zn.

34Q021 **Lipids Control** 3x2 mL

Lyophilized human based control serum - 3 levels with values for Cholesterol and Triglycerides (enzymatic methods), Cholesterol HDL and LDL (direct methods), Apo A-1 and Apo B (immunoturbidimetric methods) and Lp(a) (latex-enhanced method).

16204A **Lipids Control Set** **NEW** Coming Soon 2x1 mL

Lyophilized human based control serum - 2 levels with values for Cholesterol and Triglycerides (enzymatic methods), Cholesterol HDL and LDL direct methods (CDC/CRMLN Osaka), Apo A-1 and Apo B (immunoturbidimetric methods) and Lp(a) (latex-enhanced method).

Specific Test

16635 **Ammonia Controls** 3x (1x5) mL

3 level liquid controls, bovine albumin based - Stable 30 days after opening at 2-8 °C - To be used with the product REF 17660H.

16002A **Bile Acids Controls (2 levels)** 2x (2x3) mL

To be used with the product REF 17002B.

16299S **CK-MB Control** 2x1 mL

Lyophilized human based serum - Stable 30 days at -20 °C after reconstitution - To be used with the product (REF 17649, REF 17649H).

11570 **FOB Gold® Control** 2x (2x2) mL

Lyophilized control set (2 levels) of human hemoglobin - Stable after reconstitution 8 hours at 2-8 °C or 60 days at -20 °C - To be used with the FOB Gold® (REF 11560N).

Ref.	Product	Kit size
16352	Fructosamine Ctrl 1	4x1 mL
16353	Fructosamine Ctrl 2 Lyophilized human based serum - Stable 30 days at 2-8 °C or 90 days at -20 °C after reconstitution - To be used with the product REF 17350H.	4x1 mL
17419	Hemoglobin A1c Control Set (2 levels) Lyophilized control set (2 levels) to be used with the kit Hemoglobin A1c Direct Latex (REF 17415A).	2x (2x0.5) mL
16370S	Homocysteine Controls (3 Levels) Liquid control set (3 levels) to be used with the kit Homocysteine Liquid (REF 17370H).	NEW 3x(1x1.5) mL

LAB

FOB Gold[®]

The smart collection device
for immunological latex
fecal occult blood testing



SENTINEL
DIAGNOSTICS

Ref.	Product	Kit size
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FECAL OCCULT BLOOD

Automated FOB Test

11560N **FOB Gold® NG** 1x20; 1x20 mL

Latex turbidimetric quantitative determination of human hemoglobin in feces - Liquid reagents, ready to use - Specific application for SENTiFOB® System - New Generation.

11561N **FOB Gold® Tube NG** 100 pcs

Collection tube for feces sampling to be used as primary tube (13x100 mm - security seal) for automatic analyzers.

Automated FOB Calibrator

11573 **FOB Gold® Calibrator** 2x2 mL

Lyophilized calibrator of human hemoglobin, stable after reconstitution 8 hours at 2-8 °C or 60 days at -20 °C - To be used with the FOB Gold® (REF 11560N).

Automated FOB Control

11570 **FOB Gold® Control** 2x (2x2) mL

Lyophilized control set (2 levels) of human hemoglobin - Stable after reconstitution 8 hours at 2-8 °C or 60 days at -20 °C - To be used with the FOB Gold® (REF 11560N).

FOB Rapid Test

14800 **Easy-Card Occult Blood** 1x25 pcs

Rapid "one step" immunochromatographic method on membrane - Combination of monoclonal/polyclonal antibodies anti-human hemoglobin - Internal control system - No meat free diet required - Kit contains a practical and hygienic sample collection system: short extraction tube with applicator stick for sample collection - Easy test procedure: dispense 4 drops of buffer / sample in the device well - Wait 5 min before reading - Sensitivity 100 ng/mL.

Auxiliary

11561P **FOB Gold® Pack** 500 pcs

500 plastic patient envelopes for the FOB Gold® collection tube - 500 Italian/English IFU to be given out to the patient.

Ref.	Product	Kit size
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PLASMAPROTEINS

The actual number of tests per kit that can be performed depends on the application used and on the model of automated analyzer used. We therefore recommend that you consult our website www.sentinel diagnostics.com or contact our Customer Service (customerservice@sentinel.it) to obtain the validated applications for the instrument you intend to use.

For calibrators and controls refer to pages 35-37.

Turbidimetry

- Immuno-turbidimetric determination - Wavelength 340 nm - Each kit contains a reaction buffer (2x50 mL), a specific polyclonal antiserum (2x1 mL) and an antiserum diluent buffer (1x10 mL).

For the kits Albumin (Ref. 11003N), Kappa light chains (Ref. 11004D), Lambda light chains (Ref. 11005D), alpha 1-Antitrypsin (Ref. 11012N), Ceruloplasmin (Ref. 11065N), Apolipoprotein A-1 Liquid (Ref. 11040N), Apolipoprotein B Liquid (Ref. 11042N) the antiserum is supplied ready to use.

The size of each kit reported below refers to the total volume (e.g. 108 mL), which is calculated by adding the total volume of the buffers (e.g. 2x50 mL) to that of the antiserum (e.g. 2x4 mL).

- An empty 20 mL vial is supplied in the kit for the preparation of the reaction antiserum and (like the 50 ml vials) they can be used directly on Hitachi 704, 717, 911- 912 and other compatible analyzers.

- Applications for the most commonly used automated analyzers are available upon request.

11003N	Albumin	NEW	1x66; 1x11 mL
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Immuno-turbidimetric determination of human Albumin in urine - The kit contains specific anti Albumin polyclonal antiserum (1x11 mL) and reaction buffer (1x66 mL) in dedicated vials for automation - Ratio: Urine/Reagent 1/Reagent 2: 1/30/3.3 - Wavelength 340 nm - The Calibrator (urine: REF 11207A microAlbumin Cal Urine) and the Controls (urine: REF 125001** microAlbumin 2 level Set) are available separately - Measuring range: Urine 0.4-500 mg/dL.

Applications on serum/plasma for the most common analyzers are available.

**REF 125001 microAlbumin Control 2 level Set : Urine based - 2 levels with values for microAlbumin in urine - Manufactured by Quantimetrix Corp., CA - USA (available directly or from the local authorized distributor).

11135D	alpha 1-Acid Glycoprotein		2x50; 2x4 mL
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Immuno-turbidimetric determination of alpha 1-Acid Glycoprotein - The kit contains specific anti alpha 1-Acid Glycoprotein polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/18/2 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A 2 levels) are available separately - Measuring range: 20-600 mg/dL.

11012N	alpha 1-Antitrypsin		2x50; 1x8 mL
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Immuno-turbidimetric determination of human alpha 1-Antitrypsin - The kit contains specific anti-alpha 1-Antitrypsin polyclonal antiserum (1x8 mL) liquid ready to use, reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Reagent B 1/45/5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 45-900 mg/dL.

Ref.	Product	Kit size
11018D	alpha 2-Macroglobulin Immuno-turbidimetric determination of alpha 2-macroglobulin - The kit contains specific anti alpha 2-macroglobulin polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/9/1 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 70-1500 mg/dL.	2x50; 2x4 mL
11030D	Antithrombin III Immuno-turbidimetric determination of human Antithrombin III - The kit contains specific anti Antithrombin III polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/9/1 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 5 -120 mg/dL.	2x50; 2x3 mL
11040D	Apolipoprotein A-1 Immuno-turbidimetric determination of Apolipoprotein A-1 - The kit contains specific anti Apolipoprotein A-1 polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/45/5 - Wavelength 340 nm - The Calibrator (REF 11202H) and the Controls (REF 34Q021) are available separately - Measuring range: 30-270 mg/dL.	2x50; 2x4 mL
11040N	Apolipoprotein A-1 Liquid NEW Available by 2nd Quarter Immuno-turbidimetric determination of Apolipoprotein A-1 in serum or plasma - The kit contains specific anti human Apolipoprotein A-1 polyclonal antiserum (1x12 mL) and reaction buffer in dedicated vials for automation - Ratio: Dil. Sample/Reagent 1/Reagent 2: 1/50/8 - Wavelength 340 nm - Calibrator (REF 11202H) and Controls (REF 34Q021, REF 16204A) are available separately - Measuring range: 30-270 mg/dL.	1x55; 1x12 mL
11042D	Apolipoprotein B Immuno-turbidimetric determination of Apolipoprotein B - The kit contains specific anti Apolipoprotein B polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/9/1 - Wavelength 340 nm - The Calibrator (REF 11202H) and the Control (REF 34Q021) are available separately - Measuring range: 40-800 mg/dL.	2x50; 2x4 mL
11042N	Apolipoprotein B Liquid NEW Available by 2nd Quarter Immuno-turbidimetric determination of Apolipoprotein B in serum or plasma - The kit contains specific anti human Apolipoprotein B polyclonal antiserum (1x8 mL) and reaction buffer in dedicated vials for automation - Ratio: Dil. Sample/Reagent 1/Reagent 2: 1/50/5 - Wavelength 340 nm - Calibrator (REF 11202H) and Controls (REF 34Q021, REF 16204A) are available separately - Measuring range: 40-800 mg/dL.	1x63; 1x8 mL
11052D	C1 Esterase Inhibitor Immuno-turbidimetric determination of C1 Esterase Inhibitor - The kit contains specific anti C1 Esterase Inhibitor polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/18/2 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 5-120 mg/dL.	2x50; 2x4 mL

Ref.	Product	Kit size
11060D	C3 Immuno-turbidimetric determination of C3 factor - The kit contains specific anti C3 polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/9/1 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 20-500 mg/dL.	2x50; 2x4 mL
11062D	C4 Immuno-turbidimetric determination of C4 factor - The kit contains specific anti C4 polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/4.5/0.5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 5-200 mg/dL.	2x50; 2x4 mL
11065N	Ceruloplasmin Immuno-turbidimetric determination of Ceruloplasmin - The kit contains specific anti Ceruloplasmin polyclonal antiserum (1x8 mL) liquid ready to use, reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Sample/Reagent A/Reagent B 1/100/12.5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 5-90 mg/dL.	2x50; 1x8 mL
11050D	Haptoglobin Immuno-turbidimetric determination of Haptoglobin - The kit contains specific anti Haptoglobin polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/18/2 - Wavelength 340 nm - The Calibrators (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 35-700 mg/dL.	2x50; 2x4 mL
11100D	IgA Immuno-turbidimetric determination of human IgA - The kit contains specific anti IgA polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/18/2 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 20-1600 mg/dL.	2x50; 2x4 mL
11100N	IgA Autom Immuno-turbidimetric determination of IgA - Ready to use.	NEW Coming Soon
11102D	IgG Immuno-turbidimetric determination of IgG - The kit contains specific anti IgG polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/45/5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 200-7000 mg/dL.	2x50; 2x4 mL
11103N	IgG Autom Immuno-turbidimetric determination of IgG - Ready to use.	NEW Coming Soon

Ref.	Product	Kit size
11106D	IgM Immuno-turbidimetric determination of IgM - The kit contains specific anti IgM polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/4.5/0.5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 20-700 mg/dL.	2x50; 2x4 mL
11106N	IgM Autom Immuno-turbidimetric determination of IgM - Ready to use.	NEW Coming Soon
11004D	Kappa light chains Immuno-turbidimetric determination of Kappa light chains - The kit contains: reaction buffer (2x50 mL) in dedicated vials for automation and a specific anti Kappa light chains polyclonal antiserum (2x10 mL) - Ratio: Dil.Sample/Reagent A/Reagent B 1/35/7.5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 70-1600 mg/dL.	2x50; 2x10 mL
11005D	Lambda light chains Immuno-turbidimetric determination of Lambda light chains - The kit contains: reaction buffer (2x50 mL) in dedicated vials for automation and specific anti Lambda light chains polyclonal antiserum (2x10 mL) - Ratio: Dil.Sample/Reagent A/Reagent B 1/23.3/5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 40-1000 mg/dL.	2x50; 2x10 mL
11110D	Prealbumin Immuno-turbidimetric determination of Prealbumin - The kit contains specific anti Prealbumin polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/18/2 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 9-180 mg/dL.	2x50; 2x4 mL
11130D	Transferrin Immuno-turbidimetric determination of Transferrin - The kit contains specific anti Transferrin polyclonal antiserum (2x1 mL), antiserum diluent buffer (1x10 mL), reaction buffer (2x50 mL) in dedicated vials for automation - Ratio: Dil.Sample/Reagent A/Solution BC 1/45/5 - Wavelength 340 nm - The Calibrator (REF 11200D; REF 11206D) and the Controls (REF 11210; REF 11212 or REF 11211A, 2 levels) are available separately - Measuring range: 100-1800 mg/dL.	2x50; 2x4 mL

Ref.	Product	Kit size
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RHEUMATOLOGY

The actual number of tests per kit that can be performed depends on the application used and on the model of automated analyzer used. We therefore recommend that you consult our website www.sentinel diagnostics.com or contact our Customer Service (customerservice@sentinel.it) to obtain the validated applications for the instrument you intend to use.

For calibrators and controls refer to pages 35-37.

Latex Turbidimetry

Latex: Quantitative immuno-turbidimetric assays - Each product contains a buffer (R1) and a suspension of latex particles coated with a specific antibody (R2) - Applications on most common automatic analyzers are available upon request - Sample dilution is not required.

11501D	ASO Latex Autom	S-UV	2x15; 2x20 mL
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Immuno-turbidimetric determination of Anti-streptolysin O in serum or plasma - The kit contains specific streptolysin O antigen - Ratio: Sample/Reagent 1/Reagent 2: 1/23.3/40 - Wavelength 570 nm - The Calibrator (REF 11520D) and the Controls (REF 11210; REF 11212; REF 11211A) are available separately - Measuring range: 20-1200 IU/mL.

11508A	CRP Ultra	S-UV	3x50; 3x50 mL
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11508H	CRP Ultra	S-UV	2x20; 2x20 mL
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Immuno-turbidimetric determination of CRP in serum or plasma - The kit contains specific anti CRP - Ratio: Sample/Reagent 1/Reagent 2: 1/50/50 e 1/25/25 (Ultra) - Wavelength 570 nm - It is possible to work using or a Standard Method with the CRP Calibration Set (REF 11532), measuring range: 0.01 - 32 mg/dL or a Ultrasensitive Method adding the CRP Calibrator US (REF 11533) to the Calibration Set, measuring range: 0.005 - 16 mg/dL. The Calibrators (REF 11532; REF 11533) and the Controls (REF 11210; REF 11212; REF 11211A, 2 levels; REF 11540) are available separately.

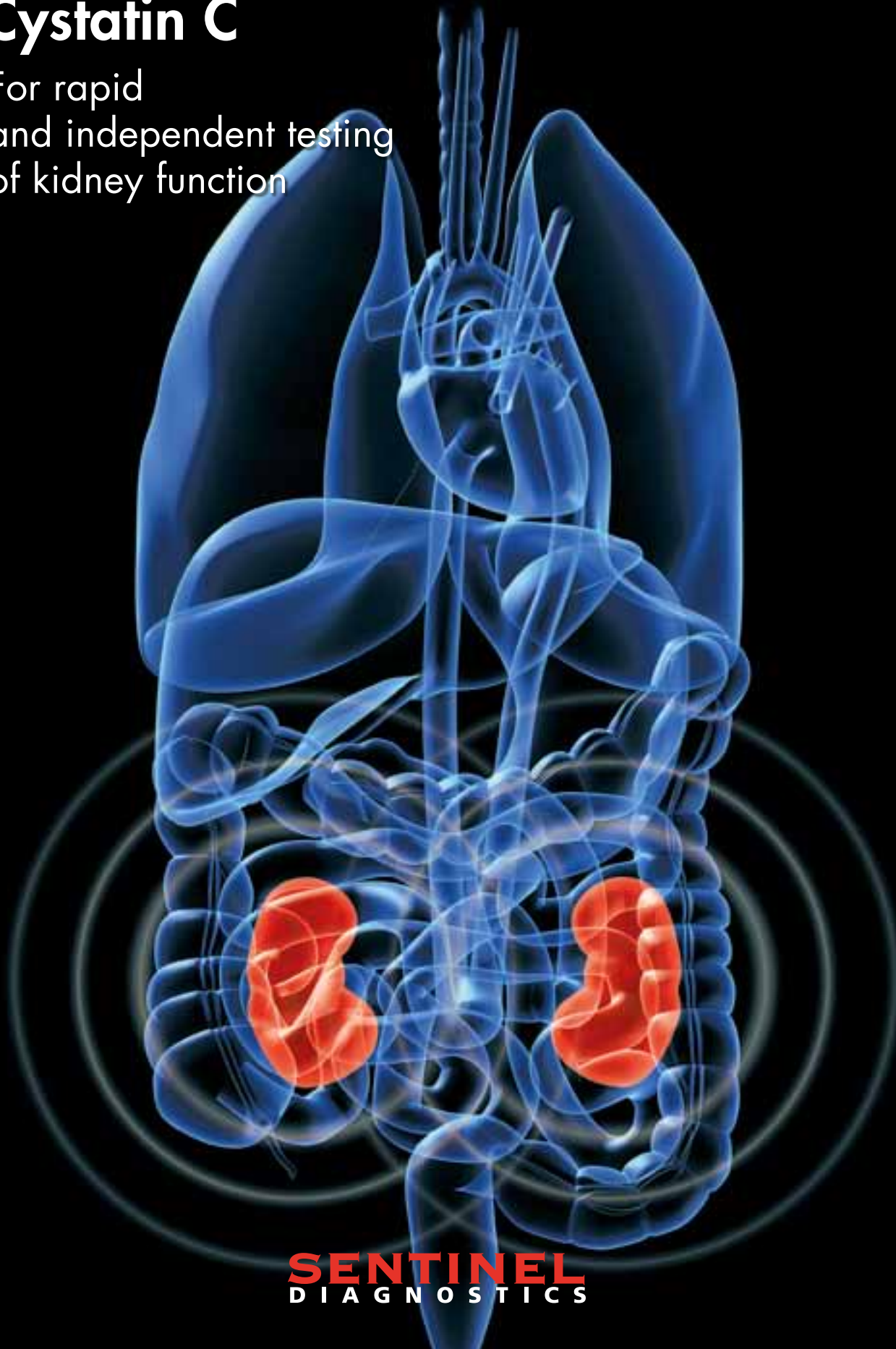
11506H	RF Latex Autom NG	S-UV	1x42; 1x16 mL
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Immuno-turbidimetric determination of Rheumatoid Factor (RF) in serum or plasma - The kit contains human IgG - Ratio: Sample/Reagent 1/Reagent 2: 1/30/10 - Wavelength 570 nm - The Calibrator (REF 11523D) and the Controls (REF 11210; REF 11212; REF 11211A) are available separately - Measuring range: 4-120 IU/mL.

LAB

Cystatin C

For rapid
and independent testing
of kidney function



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DIAGNOSTICS

Ref.	Product	Kit size
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OTHER PROTEINS

The actual number of tests per kit that can be performed depends on the application used and on the model of automated analyzer used. We therefore recommend that you consult our website www.sentinel diagnostics.com or contact our Customer Service (customerservice@sentinel.it) to obtain the validated applications for the instrument you intend to use.

For calibrators and controls refer to pages 35-37.

Latex Turbidimetry

Latex: Quantitative immuno-turbidimetric assays - Each product contains a buffer (R1) and a suspension of latex particles coated with a specific antibody (R2) - Applications on most common automatic analyzers are available upon request - Sample dilution is not required.

11505H	Beta-2 Micro Latex CN	S-UV	2x20; 2x10 mL
<p>Immuno-turbidimetric determination of Beta-2-microglobulin in serum, plasma or urine - The kit contains specific anti BMG - Plasma-serum, Ratio: Sample/Reagent 1/Reagent 2: 2/180/80 - Urine, Ratio: Sample/Reagent 1/Reagent 2: 9/135/60 - Wavelength 570 nm - The Calibrator (REF 11524H) and the Controls (REF 11210; REF 11212; REF 11211A) are available separately - Measuring range: 0.2-80 mg/L (Serum) - Measuring range: 30- 8000 µg/L (Urine).</p>			
11510A	Cystatin C	S-UV	1x46; 1x13 mL
<p>Immuno-turbidimetric determination of Cystatin C in serum or plasma - The kit contains specific anti human Cystatin C - Wavelength 540 nm - Ratio: Sample/Reagent 1/ Reagent 2: 1/75/17 - Calibrator (REF 11527S) and Controls (REF 11527C) are available separately - Measuring range from 0.05 to 8.00 mg/L.</p>			
11509A	Ferritin Ultra CN	S-UV	1x19; 1x10 mL
<p>Immuno-turbidimetric determination of Ferritin in serum or plasma - The kit contains specific anti-Ferritin antibodies - Ratio Sample/Reagent 1/ Reagent 2: 1/20/10 - Wavelength 570 nm - Calibrator (REF 11525A) and Control (REF 11210; REF 11212; REF 11211A) are available separately - Measuring range from 4 to 1000 ng/mL.</p>			
11504D	Lp(a) Ultra	S-UV	1x18; 1x9 mL
<p>Immuno-turbidimetric determination of Lp(a) in serum or plasma - The kit contains specific anti Lp(a) - Ratio: Sample/Reagent 1/Reagent 2: 1/40/20 - Wavelength 700 nm - The Calibrator (REF 11522D) and the Controls (REF 34Q021) are available separately - Measuring range: 3 -130 mg/dL.</p>			
11507H	Myo Latex Autom CN	S-UV	1x20; 1x7 mL
<p>Immuno-turbidimetric determination of blood Myoglobin in serum or plasma - The kit contains specific anti human Myoglobin - Ratio: Sample/reagent 1/Reagent 2: 1/30/10 - Wavelength 570 nm - Calibrator (REF 11526D) available separately - Measuring range: 3-560ng/mL.</p> <p>Note: Barcode number, if printed on reagent labels, refers to the use of the product on Advia Series Analyzers.</p>			

Ref.	Product	Kit size
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CALIBRATORS

Multiparameter Plasmaproteins

11200D **Plasmaproteins Cal** 3x1 mL

Liquid calibrator for plasmaproteins AAT, AGP, A2M, ALB, AT3, C1, CER, C3, C4, HPT, IgA, IgG, IgM, Kappa, Lambda, PAL, TRF determination with sample dilution procedure.

11206D **Plasmaproteins Cal 3x** 4x1 mL

Liquid concentrated calibrator to be used on the instruments that work without sample dilution procedure for plasmaproteins AAT, AGP, A2M, ALB, AT3, C1, CER, C3, C4, HPT, IgA, IgG, IgM, Kappa, Lambda, PAL, TRF determination.

Multiparameter Lipoproteins

11202H **Apo-A1/Apo-B/HDL Cal** 3x2 mL

Lyophilized human based serum - Stable 30 days at -20 °C or 7 days at 2-8 °C after reconstitution - For Kits Apolipoprotein A-1 (REF 11040D, REF 11040N), Apolipoprotein B (REF 11042D, REF 11042N) and Cholesterol HDL Liquid NG (REF 17201R, REF 17201H).

Specific Test

11520D **ASO Calibrator** 1x5 mL

Concentration: 500 UI/mL - To be used with the product REF 11501D.

11524H **Beta-2 Micro Cal Set** 1x2 mL

Calibrator concentrations: 1.5 - 10 - 50 - 80 mg/dL - To be used with the product REF 11505H for serum, plasma and urine.

11532 **CRP Calibrator Set** 7x2 mL

Calibrators concentration: 0.5-1.0-2.0-4.0-8.0-16.0-32.0 mg/dL - To be used with the product REF 11508A and REF 11508H.

11533 **CRP Calibrator US** 1x2 mL

Concentration: 0.25 mg/dL - To be used in combination with CRP Calibrator Set REF 11532 for Ultrasensitive CRP method REF 11508A and REF 11508H.

11527S **Cystatin C Calibrator** 1x1 mL

Human based liquid calibrator - Calibrator concentration: from 7 to 9 mg/L - To be used with REF 11510A - In house standardisation against highly purified material.

Ref.	Product	Kit size
11525A	Ferritin Cal Set Calibrator set concentration: 100-200-500-1000 ng/mL - To be used with the product REF 11509A.	4x2 mL
11522D	Lp(a) Cal Set Calibrator set (5 levels) approx.range 5-100 mg/dL - To be used with the product REF 11504D.	5x1 mL
11207A	microAlbumin Cal Urine Calibrator concentration: about 100 mg/dL - To be used with the product REF 11003N.	4x1 mL
11526D	Myo Cal Set Calibrator set concentration: 70/140/280/560 ng/mL - To be used with the product REF 11507H.	4x1 mL
11523D	RF Cal Set Calibrator set concentration: 10/20/40/80/120 IU/mL - To be used with the product REF 11506H.	5x1 mL

Ref.	Product	Kit size
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CONTROLS

Turbidimetry e Latex Turbidimetry

11540	CRP Control US Liquid control serum at very low CRP concentration - To be used with the product REF 11508A and REF 11508H.	3x2 mL
11527C	Cystatin C Control Set Human based liquid control (2 levels) to be used to verify Cystatin C REF 11510A test performances - Concentrations assigned under standardized conditions.	1x1 mL
11210	Immuno Control 1	1x5 mL
11212	Immuno Control 2	1x5 mL
11211A	Immuno Control Set (2 levels) Liquid, ready to use - Values in normal and abnormal range for: alpha 1-Acid Glycoprotein; alpha 1-Antitrypsin; alpha 2-Macroglobulin; beta 2-Microglobulin; Albumin; Anti-streptolysin O; Antithrombin III; C1 Esterase Inhibitor; Ceruloplasmin; C-Reactive Protein; C3; C4; Ferritin; Haptoglobin; IgA; IgG; IgM; Kappa light chains; Lambda light chains; Prealbumin; Rheumatoid Factor; Transferrin.	2x (2x1) mL
34Q021	Lipids Control Lyophilized human based control serum - 3 levels with values for Cholesterol and Triglycerides (enzymatic methods), Cholesterol HDL and LDL (direct methods), Apo A-1 and Apo B (immunoturbidimetric methods) and Lp(a) (latex-enhanced method).	3x2 mL
16204A	Lipids Control Set NEW Coming Soon Lyophilized human based control serum - 2 levels with values for Cholesterol and Triglycerides (enzymatic methods), Cholesterol HDL and LDL direct methods (CDC/CRMLN Osaka), Apo A-1 and Apo B (immunoturbidimetric methods) and Lp(a) (latex-enhanced method).	2x1 mL
125001	microAlbumin Control 2 level set. Prepared in urine - Two levels with values for microAlbumin in urine Manufactured by Quantimetrix Inc. - USA	2x (5x7) mL

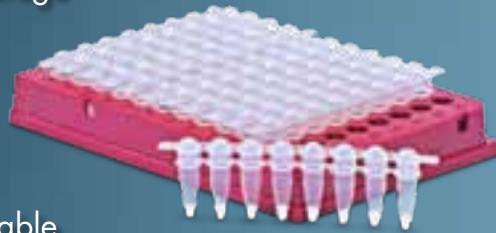
LAB

STATONAT

Stabilized Amplification Technology

Ready-to-use PCR Amplification Master Mix

- Room Temperature Storage
- One Vial One Test
- Easy to Use
- Flexibility
- Standardization
- Environmentally sustainable




The easy way to Nucleic Acid Testing



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DIAGNOSTICS

Ref.	Product	Kit size
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*ST*abilized *A*mplification *T*echnology  *N*ucleic *A*cid *T*esting

Reagents

1N001	STAT-NAT DNA-Mix Kit Lyophilized universal qualitative DNA Amplification mix (Hot Start Polymerase included) Strip vials	1x96 pcs
1N002	STAT-NAT QDNA-Mix Kit Lyophilized universal quantitative DNA Amplification mix (Hot Start Polymerase and EvaGreen® included) Strip vials	NEW Coming Soon 1x96 pcs
1N051	STAT-NAT Malaria Screening Lyophilized Multiplex Kit for Malaria Screening (Plasmodia genus, Plasmodium falciparum) containing Internal Control Strip vials	1x48 pcs
1N052	STAT-NAT Malaria Typing Lyophilized Multiplex kit for Malaria Typing (Plasmodium ovale, Plasmodium vivax , Plasmodium malariae) containing Internal Control Strip vials	1x48 pcs
1N053	STAT-NAT Leishmania Lyophilized Kit for the qualitative detection of Leishmania Strip vials	1x48 pcs

Ref.	Product	Kit size
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COAGULATION

PT

SR1015 Hemoplastin L 6x5 mL

Prothrombin Time (PT) determination reagent is sensitive to phase II and III factors (VII,II, V, X, I) - For manual and automatic analyzers - Used for monitoring the oral anticoagulant therapy through the inhibition of Vitamin K dependent factors to which PT is sensitive (II,VII, X) - The kit contains liquid calcic thromboplastin obtained from rabbit brain (ISI =1.1-1.3) - An accurate ISI value is assigned for each lot.

Control Plasma Normal (REF SR1100) and Abnormal (REF SR1200) are available separately.

PTT

SR1030 Hemos PTT 3x10 mL

Determination of Activated Partial Thromboplastin Time (APTT) is sensitive to phase I factors: (VIII, IX, XI, XII) - For manual and automatic analyzers - Used for heparin determination in heparinic therapy monitoring, through the inhibition of activated forms of factors (XII,XI,IX) - The kit contains liquid rabbit brain cephalin with Elagic Acid as surface activator - CaCl₂ 0.02M is included in the kit - Control Plasma Normal (REF SR1100) and Abnormal (REF SR1200) are available separately.

Fibrinogen

SR1045 Hemofibrin 5x2 mL

Fibrinogen determination assay - Determination of plasma coagulation time with Clauss method - Used for the detection of fibrinogen deficiencies - For manual and automated analyzers - The kit contains lyophilized bovine thrombin, lyophilized Normal Control Plasma as calibrator and 125 mL Imidazole Buffer.

Controls

SR1100 Hemotrol N 6x1 mL

Lyophilized human plasma with normal values for PT, APTT, Fibrinogen.

SR1200 Hemotrol P 6x1 mL

Lyophilized human plasma with abnormal values for PT, APTT.

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CRP Ultra

One product for ultra sensitive
and standard procedure



SENTINEL
DIAGNOSTICS

Analyte	Product	Kit size	Ref.	Pag.
Acid Phosphatase	Acid Phosphatase	6x20 mL	17617	14
Albumin (serum, plasma)	Albumin Liquid	6x65 mL	17600H	9, 14
Albumin (urine)	Albumin	1x66; 1x11 mL	11003N	9, 28
	microAlbumin Cal Urine (4x1 mL)	4x1 mL	11207A	36
	microAlbumin Control 2 level set.	2x (5x7) mL	125001	37
Aldolase	Aldolase	5x20 mL	17003	14
Alkaline Phosphatase	ALP Liquid	4x20; 1x20 mL	17308H	14
	ALP Liquid	8x25; 8x7.2 mL	SC6017	7
alpha 1 - Antitrypsin	alpha 1-Antitrypsin	2x50; 1x8 mL	11012N	9, 28
alpha 1 - Glycoprotein	alpha 1-Acid Glycoprotein	2x50; 2x4 mL	11135D	9, 28
alpha 2 - Macroglobulin	alpha 2-Macroglobulin	2x50; 2x4 mL	11018D	29
ALT/AST	ALT Microwell Autom	2x96 pcs	17238M	14
	ALT UV Liquid	6x80 ; 4x21 mL	17613	15
	ALT UV Liquid	8x25; 8x7.2 mL	SC6005	7
	ALT UV Liquid	2x65; 1x19 mL	17234H	15
	AST UV Liquid	6x80; 4x21 mL	17612	15
	AST UV Liquid	8x25; 8x7.2 mL	SC6004	7
	AST UV Liquid	2x65; 1x19 mL	17224H	15
Ammonia	Ammonia Controls	3x (1x5) mL	16635	24
	Ammonia Ultra	3x20 mL	17660	15
Amylase	Amylase Liquid	8x25; 8x7.2 mL	SC6018	7
	Amylase Liquid	1x65; 1x18 mL	17632H	15
	Amylase Liquid	4x55; 4x15.5 mL	17632Y	11
	Pancreatic Amylase	2x40; 1x20 mL	17631	15
	Pancreatic Amylase Liquid	1x65; 1x18 mL	17631H	16
Antithrombin III	Antithrombin III	2x50; 2x3 mL	11030D	29
Apolipoproteins	Apolipoprotein A-1	2x50; 2x4 mL	11040D	29
	Apolipoprotein A-1 Liquid	1x55; 1x12 mL	11040N	29
	Apolipoprotein B	2x50; 2x4 mL	11042D	29
	Apolipoprotein B Liquid	1x63; 1x8 mL	11042N	29
ASO	ASO Calibrator	1x5 mL	11520D	35
	ASO Latex Autom	2x12; 2x18 mL	11501Y	11
	ASO Latex Autom	2x15; 2x20 mL	11501D	32
	ASO Latex Autom	3x9; 3x12 mL	SC6025	8
Beta-2 Micro	Beta-2 Micro Cal Set	1x2 mL	11524H	35
	Beta-2 Micro Latex CN	2x20; 2x10 mL	11505H	34
Bile Acids	Bile Acids Controls (2 levels)	2x (2x3) mL	16002A	24
	Bile Acids TBA	5x10; 1x13 mL	17002B	9, 16
Bilirubin	Bilirubin Direct Liquid	4x25; 4x7.2 mL	SC6011	9
	Bilirubin Direct Liquid	4x45; 1x15 mL	17643H	20
	Bilirubin Total Liquid	8x25; 8x7.2 mL	SC6010	10
	Bilirubin Total Liquid	7x45; 1x20 mL	17642H	20
C1 Esterase	C1 Esterase Inhibitor	2x50; 2x4 mL	11052D	29

Analyte Index

Analyte	Product	Kit size	Ref.	Pag.
C3	C3	2x50; 2x4 mL	11060D	9, 30
C4	C4	2x50; 2x4 mL	11062D	9, 30
Calcium	Calcium Liquid	8x25; 8x7.2 mL	SC6012	7
	Calcium Liquid	3x55; 1x50 mL	17667H	16
Ceruloplasmin	Ceruloplasmin	(2x50; 1x8) 108 mL	11065N	30
Chlorides	Chlorides	2x100 mL	17170	16
Cholesterol HDL	Cholesterol HDL Liquid NG	6x25; 6x9 mL	SC6019	7
	Cholesterol HDL Liquid NG	6x90; 4x45 mL	17201R	17
	Cholesterol HDL Liquid NG	1x65; 1x20 mL	17201H	17
	Cholesterol HDL Liquid NG	2x54.5; 2x18 mL	17201Y	11
Cholesterol LDL	Cholesterol LDL Liquid NG	1x54.5; 1x18 mL	17203Y	11
	Cholesterol LDL Liquid NG	3x25; 3x9 mL	SC6020	7
	Cholesterol LDL Liquid NG	1x65; 1x20 mL	17203H	17
Cholesterol Total	Cholesterol Liquid	10x25 mL	SC6006	7
	Cholesterol Liquid	6x90 mL	17627	17
	Cholesterol Liquid	6x65 mL	17644H	17
	Cholesterol Liquid	6x65 mL	17644Y	11
Cholinesterase	Cholinesterase Liquid	2x50; 1x20 mL	17019A	17
	Cholinesterase Liquid	4x25; 4x7.2 mL	SC6021	8
	Cholinesterase Liquid	2x50; 1x20 mL	17019H	17
CK - NAC	CK-NAC Liquid	4x25; 4x7.2 mL	SC6014	8
	CK-NAC Liquid	1x65; 1x18 mL	17296H	17
CK - MB	CK-MB Calibrator	2x1 mL	16299C	23
	CK-MB Control	2x1 mL	16299S	24
	CK-MB Liquid	2x44; 2x12 mL	17649	18
	CK-MB Liquid	1x65; 1x15 mL	17649H	18
	CK-MB Liquid	1x61; 1x18 mL	17649Y	11
Copper	Copper	5x10; 1x3 mL	17106	18
	Copper	5x20; 1x21 mL	17638H	18
	Copper Urine	4x3 mL	17109	18
Creatinine	Creatinine Enz Liquid	2x50; 2x18 mL	17654H	18
	Creatinine Liquid	8x25; 8x7.2 mL	SC6002	8
	Creatinine Liquid	3x65; 3x65 mL	17609H	18
CRP	CRP Calibrator Set	7x2 mL	11532	35
	CRP Calibrator US	1x2 mL	11533	35
	CRP Control US	3x2 mL	11540	37
	CRP Ultra	3x50; 3x50 mL	11508A	32
	CRP Ultra	2x20; 2x20 mL	11508H	32
	CRP Ultra	2x18; 2x18 mL	11508Y	11
	CRP Ultra	3x13; 3x13 mL	SC6026	8
Cystatin	Cystatin C	1x46; 1x13 mL	11510A	34
	Cystatin C Calibrator	1x1 mL	11527S	35
	Cystatin C Control Set	1x1 mL	11527C	37
Dibucaine	Dibucaine CHE Liquid	6x50 mL	17018	18

Analyte Index

Analyte	Product	Kit size	Ref.	Pag.
Ferritin	Ferritin Cal Set	4x2 mL	11525A	36
	Ferritin Ultra CN	1x19; 1x10 mL	11509A	34
Fibrinogen	Hemofibrin	5x2 mL	SR1045	40
FOB	Easy-Card Occult Blood	1x25 pcs	14800	27
	FOB Gold® Calibrator	2x2 mL	11573	5, 23, 27
	FOB Gold® Control	2x (2x2) mL	11570	5, 24, 27
	FOB Gold® NG	1x20; 1x20 mL	11560N	5, 9, 27
	FOB Gold® Pack	500 pcs	11561P	6, 27
	FOB Gold® Tube NG	100 pcs	11561N	5, 27
Fructosamine	Fructosamine	3x18 mL	17350H	19
	Fructosamine Ctrl 1	4x1 mL	16352	24
	Fructosamine Ctrl 2	4x1 mL	16353	25
G6P-DH	G6P-DH	100 mL	17005	19
Gamma GT	Gamma GT Liquid	8x25; 8x7.2 mL	SC6009	8
	Gamma GT Liquid	1x65; 1x18 mL	17336H	19
Glucose	Glucose Liquid	10x25 mL	SC6001	8
	Glucose Liquid	6x65 mL	17630H	19
Haptoglobin	Haptoglobin	2x50; 2x4 mL	11050D	9, 30
Hemoglobin	Hemoglobin A1c Cal Set (4 levels)	4x0.5 mL	17418	23
	Hemoglobin A1c Control Set (2 levels)	2x (2x0.5) mL	17419	25
	Hemoglobin A1c Direct Latex	1x30; 1x9.5; 1x0.5 mL	17415A	9, 19
	Hemolysis Reagent HbA1c	3x90 mL	17416	20
HBDH	HBDH Liquid	2x50; 1x12 mL	17636	19
Homocysteine	Homocysteine	1x30; 1x5 mL	17370H	20
	Homocysteine Controls (3 Levels)	3x(1x1.5) mL	16370S	20
IgA	IgA	2x50; 2x4 mL	11100D	9, 30
	IgA Autom		11100N	30
IgG	IgG	2x50; 2x4 mL	11102D	9, 30
	IgG Autom		11103N	30
IgM	IgM	2x50; 2x4 mL	11106D	9, 31
	IgM Autom		11106N	31
Iron	Iron Liquid	2x100; 1x10 mL	17101G	20
	Iron Liquid	3x65; 1x15 mL	17648H	20
	Iron Liquid	4x55; 2x9.5 mL	17648Y	11
Kappa	Kappa light chains	2x50; 2x10 mL	11004D	31
Lactate	Lactate Dry-Fast	5x10 mL	17285	20
Lambda	Lambda light chains	2x50; 2x10 mL	11005D	31
LDH	LDH Liquid	4x25; 4x7.2 mL	SC6016	8
	LDH Liquid	3x65; 1x20 mL	17294H	20

Analyte Index

Analyte	Product	Kit size	Ref.	Pag.
Lipase	Lipase Calibrator	4x1 mL	16401	23
	Lipase Color Liquid	4x10; 1x8 mL	17401B	21
	Lipase Color Liquid	4x25; 4x7.2 mL	SC6028	8
	Lipase Color Liquid	4x50; 2x21 mL	17616H	21
Lp(a)	Lp(a) Ultra	1x18; 1x9 mL	11504D	10, 34
	Lp(a) Cal Set	5x1 mL	11522D	36
Magnesium	Magnesium Liquid	6x20 mL	17637H	10
Microalbuminuria	Albumin	1x66; 1x11 mL	11003N	9, 28
	microAlbumin Cal Urine (4x1 mL)	4x1 mL	11207A	36
	microAlbumin Control 2 level set.	2x (5x7) mL	125001	37
Molecular Biology	STAT-NAT DNA Mix Kit	1x96 pcs	1N001	39
	STAT-NAT Leishmania	1x48 pcs	1N053	39
	STAT-NAT Malaria Screening	1x48 pcs	1N051	39
	STAT-NAT Malaria Typing	1x48 pcs	1N052	39
	STAT-NAT QDNA Mix Kit	1x96 pcs	1N002	39
Multiparametric Calibrator	Apo-A1/Apo-B/HDL Cal	3x2 mL	11202H	23, 35
	Clin Chem Cal	4x3 mL	16550	23
	HDL/LDL Calibrator	2x1 mL	16203S	23
	Plasmaproteins Cal	3x1 mL	11200D	35
	Plasmaproteins Cal 3x	4x1 mL	11206D	35
Multiparametric Control	Clin Chem Control 1	6x5 mL	16150	24
	Clin Chem Control 2	6x5 mL	16250	24
	Immuno Control 1	1x5 mL	11210	37
	Immuno Control 2	1x5 mL	11212	37
	Immuno Control Set (2 levels)	2x (2x1) mL	11211A	37
	Lipids Control	3x2 mL	34Q021	24, 37
	Lipids Control Set	2x1 mL	16204A	24, 37
	Microalbumin Control 2 level set.	2x (5x7) mL	125001	37
Myoglobin	Myo Cal Set	4x1 mL	11526D	36
	Myo Latex Autom	1x20; 1x7 mL	11507H	34
Phospholipids	Phospholipids	5x10 mL	17320	21
Phosphorus	Phosphorus	6x65 mL	17619H	21
	Phosphorus Enzymatic	5x10 mL	17182	10, 21
Plasma Control	Hemotrol N	6x1 mL	SR1100	40
	Hemotrol P	6x1 mL	SR1200	40
Prealbumin	Prealbumin	2x50; 2x4 mL	11110D	31
PT	Hemoplastin L	6x5 mL	SR1015	40
PTT	Hemos PTT	3x10 mL	SR1030	40
Pyridoxalphosphate	Pyridoxalphosphate (P5P)	40 pcs	16226	15
RF	RF Cal Set	5x1 mL	11523D	36
	RF Latex Autom	3x25; 3x9 mL	SC6027	9
	RF Latex Autom NG	1x42; 1x16 mL	11506H	32
	RF Latex Autom NG	2x49; 2x18 mL	11506Y	11

Analyte	Product	Kit size	Ref.	Pag.
Total Proteins	Total Proteins	10x25 mL	SC6007	8
	Total Proteins	6x65 mL	17620H	21
	Urine Proteins	2x100 mL	17275	10, 22
Transferrin	Transferrin	2x50; 2x4 mL	11130D	10, 31
Triglycerides	Triglycerides Liquid	10x25 mL	SC6008	8
	Triglycerides Liquid	6x90 mL	17628	22
	Triglycerides Liquid	6x65 mL	17624H	22
	Triglycerides Liquid	6x65 mL	17624Y	11
UIBC	UIBC Liquid	2x40; 1x11 mL	17639	20
	UIBC Liquid	2x40; 1x11 mL	17639Y	11
Urea	Urea Liquid	8x25; 8x7.2 mL	SC6003	8
	Urea Liquid	8x50; 3x21 mL	17629	22
	Urea Liquid	6x30; 3x8 mL	17629Y	77
Uric Acid	Uric Acid Liquid	10x25 mL	SC6013	8
	Uric Acid Liquid	4x65 mL	17658H	22
Zinc	Zinc	5x10; 1x5 mL	17255	22
	Zinc	5x20; 1x11 mL	17640H	22

General Conditions of Sale

WHEN ORDERING	Please indicate all necessary information such as product name, product description, reference number, quantity required and shipping instructions. Orders should be placed by fax or by E-mail (export@sentinel.it)
MINIMUM PURCHASE	The minimum value of consignment is € 500,00 for EC countries, and € 2.000,00 for non EC countries.
PRICES	Please refer to our International Distributor Net Price List. All prices have to be understood as ex-works. Special offers are valid 3 months from the date of quotation. We reserve the right to change prices without notice.
CONSIGNMENTS	The shipping date is mentioned on the order confirmation and has to be considered indicative. The company reserves the right to apply a handling charge of € 25,00 for each invoice.
PAYMENT TERMS	Payment terms are always indicated in the order confirmation and the invoice. If the regular invoice has not been contested within 8 days upon receipt, it is to be considered accepted.
COMPLAINTS	Complaints must be reported in writing within 8 days from the receipt of the goods. In this case: 1) Notify carrier when signing receipt for goods. 2) Inform us as soon as possible by fax or E-mail (customerservice@sentinel.it).
HEALTH AND SAFETY	All products sold by Sentinel CH. are handled by qualified personnel, exercising care during usage and disposal. For further information, contact us at the address below.
TECHNICAL SERVICES	All questions or inquiries concerning the use of our products will be answered. Should you need any assistance, please contact our Customer Service.

In the event of dispute the case shall be settled by the Court of Milan.

CERTIFIED QUALITY MANAGEMENT SYSTEM: ISO 9001:2008 - ISO 13485:2003

SENTINEL CH. SpA - Via Robert Koch, 2 - 20152 Milan - Italy - Ph +39.02.345514.1 - Fax +39.02.34551.464

Sales Office: Phone +39.02.34551.434

Customer Service: Phone +39.02.34551.465

Website: www.sentinel diagnostics.com

**E-mail: export@sentinel.it
customerservice@sentinel.it**

ISSUED: November 2011

REV 1.0

Ref. DPL 601



DPK601

Sentinel CH. SpA

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Certified Quality Management System

ISO 9001:2008
ISO 13485:2003
ISO 13485:2003 CMDCAS

*Compliant with the
21CFR820
"Code of Federal Regulations" FDA*