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SHORT CATALOGUE

CLINICAL CHEMISTRY



IMMUNOTURBIDIMETRIC TESTS



CALIBRATORS • STANDARDS • CONTROLS • SUPPLEMENTARY REAGENTS



INSTRUMENTS



DIASYS DIAGNOSTIC SYSTEMS

DiaSys

Diagnostic Systems

WELCOME TO DIASYS

DiaSys Diagnostic Systems is a leading specialist in development and manufacturing of diagnostic systems of high quality combined with ease of use and reduced environmental burden.

Focusing on clinical chemistry and immunoturbidimetric tests we have introduced more than 90 optimized reagents for routine and special diagnostics in user-friendly kits for manual or automated use. The portfolio includes a broad range of appropriate calibrators and controls, as well as photometric systems and glucose/lactate analyzers. To date, customers and partners in more than 100 countries around the world rely on DiaSys quality.

DiaSys maintains a quality management system certified according to ISO 13485/ISO 9001. All our products are CE marked according to Directive 98/79/EC.

THE SHORT CATALOGUE

The DiaSys short catalogue 2014 provides a brief but concise outline of all available instruments, reagents for clinical chemistry and immunoturbidimetry, as well as of calibrators, controls, standards and supplementary reagents.

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HOW TO PLACE YOUR ORDER

As you have already noticed, no order numbers are specified in the short catalogue. Due to the huge amount of different kit sizes available and systems supplied, it would go beyond the scope of this handout to list them all. In case you would like to order DiaSys products please refer to the DiaSys product catalogue 2014 or to our website www.diasys-diagnostics.com.

SYSTEM SPECIFIC KITS

DiaSys reagents are available in dedicated kits for several analyzer systems. For an overview at a glance, a dot behind the respective reagent marks the supplied instrument line. Find additional information about the instrument lines below the respective tables.

SOME ABBREVIATIONS IN COMMON USE

FS Fluid-stable, ready-to-use reagent



Product	Method	SUPPLIED SYSTEMS*						
		RESPONS®	BioMajesty® JCA-BM6010/C	Multiple-purpose	Hitachi 911	Hitachi 917	ADVIA	Prestige 24i
ALAT (GPT) FS (IFCC mod.)	UV test according to IFCC	•	•	•	•	•		•
Albumin FS	Bromocresol green method	•	•	•	•	•		•
Alkaline phosphatase FS DGKC	Test according to DGKC			•	•	•		•
Alkaline phosphatase FS IFCC 37 °C	Test according to IFCC	•	•	•	•	•		•
α-Amylase CC FS	EPS-G7 method according to IFCC	•	•	•	•	•		•
ASAT (GOT) FS (IFCC mod.)	UV test according to IFCC	•	•	•	•	•		•
ATP Hexokinase FS	Enzymatic UV test using hexokinase			•				
Bicarbonate FS	Enzymatic test using NADH analogue	•	•	•	•	•		
Bile acids	Colorimetric test							•
Bilirubin Auto Direct FS	DCA method	•	•	•	•	•		•
Bilirubin Auto Total FS	DCA method	•	•	•	•	•		•
Bilirubin Jendrassik-Gróf FS	Colorimetric test according to Jendrassik-Gróf							•
Calcium AS FS	Arsenazo III method			•	•			
Calcium P FS	Phosphonazo III method	•	•	•	•	•		
Chloride FS	Photometric test using thiocyanate			•	•			•
Chloride 21 FS	Advanced colorimetric test	•		•				
Cholesterol FS 5' version	CHOD-PAP method			•				
Cholesterol FS 10' version	CHOD-PAP method	•	•	•	•	•		•
Cholinesterase FS	Butyrylthiocholine test according to DGKC	•	•	•	•	•		•
CK-MB FS	Test according to IFCC/DGKC	•	•	•	•	•	•	
CK-NAC FS	Test according to IFCC/DGKC	•	•	•	•	•		•
Creatinine FS	Jaffé method (compensation optional)	•	•	•	•	•		•
Creatinine PAP FS	Enzymatic PAP method	•	•	•	•	•		•
Ethanol FS	Enzymatic endpoint test	•	•		•	•		•
Free cholesterol FS**	CHOD-PAP method							
Free glycerol FS**	GPO method							
Gamma-GT FS (Szasz mod./IFCC stand.)	Szasz method IFCC standardized	•	•	•	•	•		•

REAGENTS

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CLINICAL CHEMISTRY

* Additional information (for precise information concerning supplied analyzer types please refer to DiaSys product catalogue 2014)

Multi-purpose Kits: DiaSys reagents in kits for multi-purpose and manual use - no analyzer specific bottles
 Kits for Hitachi 911: Full barcode; bottles suitable for several Hitachi and Olympus analyzers, ADVIA, Abbott ARCHITECT™
 Kits for Hitachi 917: Full barcode; bottles suitable for several Hitachi, Olympus, ADVIA analyzers and Modular P
 Kit for ADVIA Systems: Full barcode; bottles suitable for ADVIA 1200/1650/1800/2400
 Kit for Prestige 24i and BIOLIS 24i
 Kits for Selectra Systems: Bottles suitable for Vitalab Selectra

** Available on request

Please contact your local supplier



REAGENTS

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CLINICAL CHEMISTRY

Product	Method	SUPPLIED SYSTEMS*						
		RESPONS [®]	BioMajesty [®] JCA-BM6010/C	Multiple-purpose	Hitachi 911	Hitachi 917	ADVIA	Prestige 24i
GLDH FS DGKC	UV test according to DGKC			•	•	•		•
Glucose Gluc-DH FS	Glucose dehydrogenase method							•
Glucose GOD FS 5' version	GOD-PAP method			•				
Glucose GOD FS 10' version	GOD-PAP method	•		•	•	•		
Glucose Hexokinase FS	Hexokinase method	•	•	•	•	•		
HbA1c [®] FS	Enzymatic method	•	•		•	•		
α-HBDH FS	UV test according to DGKC			•				
HDL-C Immuno FS	Direct immunoinhibition method	•	•	•	•	•		
Hemoglobin FS	Hemiglobincyanide method			•				
Homocysteine FS	Enzymatic cycling method				•	•		
β-Hydroxybutyrate FS	Enzymatic method	•	•		•	•		
Iron FS Ferene	Ferene method	•	•	•	•	•		•
Lactate FS	UV test with LDH	•	•	•	•	•		
LDH FS DGKC	UV test according to DGKC			•	•	•		•
LDH FS IFCC	UV test according to IFCC	•	•	•	•	•		•
LDL-C Select FS	Selective direct measurement	•	•	•	•	•		
Lipase DC FS	Enzymatic colorimetric method	•	•	•	•	•		•
Lp-PLA ₂ FS new	Enzymatic method				•	•		
Magnesium XL FS	Xylidyl blue method	•	•	•	•	•		•
NEFA FS (Non-esterified fatty acids)	Enzymatic method	•	•		•	•		
Pancreatic amylase CC FS	EPS-G7 method	•	•	•	•	•		
Phosphate FS	UV test using molybdate	•	•	•	•	•		•
Phospholipids FS	Enzymatic colorimetric test		•		•	•		
Potassium FS	Enzymatic method	•		•				
Sodium FS	Enzymatic method	•		•				
Total protein FS	Biuret method	•	•	•	•	•		•
Total protein UC FS	Pyrogallol red method	•		•	•	•		
Triglycerides FS 5' version	GPO method			•				•
Triglycerides FS 10' version	GPO method	•	•	•	•	•		
UIBC FS (Unsaturated iron binding capacity)	Ferene method	•	•		•	•		
Urea FS	Urease-GLDH method	•	•	•	•	•		•
Urea CT FS	Colorimetric method (Berthelot)			•				•
Uric acid FS TBHBA	Uricase-TBHBA method			•	•			•
Uric acid FS TOOS	Uricase-TOOS method	•	•	•	•	•		•

* **Additional information** (for precise information concerning supplied analyzer types please refer to DiaSys product catalogue 2014)
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 Kits for Hitachi 911: Full barcode; bottles suitable for several Hitachi and Olympus analyzers, ADVIA, Abbott ARCHITECT™
 Kits for Hitachi 917: Full barcode; bottles suitable for several Hitachi, Olympus, ADVIA analyzers and Modular P
 Kit for ADVIA Systems: Full barcode; bottles suitable for ADVIA 1200/1650/1800/2400
 Kit for Prestige 24i and BIOLIS 24i
 Kits for Selectra Systems: Bottles suitable for Vitalab Selectra



Product	Method	SUPPLIED SYSTEMS*						
		RESPONS®	BioMajesty® JCA-BM6010/C	Multiple-purpose	Hitachi 911	Hitachi 917	ADVIA	Prestige 24i
Albumin in Urine/CSF FS (Microalbumin)	Immunoturbidimetric test	•	•	•	•	•		•
Antistreptolysin O FS	Particle-enhanced immunoturbidimetric test	•	•	•	•	•		
Apolipoprotein A1 FS	Immunoturbidimetric test	•	•	•	•	•		
Apolipoprotein B FS	Immunoturbidimetric test	•	•	•	•	•		
Complement C3c FS	Immunoturbidimetric test	•	•		•	•		
Complement C4 FS	Immunoturbidimetric test	•	•		•	•		
CRP FS	Immunoturbidimetric test	•	•	•	•	•		•
CRP U-hs	Particle-enhanced immunoturbidimetric test	•			•	•		•
Cystatin C FS	Particle-enhanced immunoturbidimetric test	•	•		•	•		
D-Dimer FS	Particle-enhanced immunoturbidimetric test	•	•		•	•		
Ferritin FS	Particle-enhanced immunoturbidimetric test		•		•	•		•
Ferritin SR	Immunoturbidimetric test	•						
ⓄⓃⓔ HbA1c FS	Particle-enhanced immunoturbidimetric test	•			•	•	•	•
Immunoglobulin A FS	Immunoturbidimetric test	•	•		•	•		•
Immunoglobulin E FS	Particle-enhanced immunoturbidimetric test	•	•		•	•		
Immunoglobulin G FS	Immunoturbidimetric test	•	•		•	•		•
Immunoglobulin M FS	Immunoturbidimetric test	•	•		•	•		•
Lp(a) 21 FS	Particle-enhanced immunoturbidimetric test	•	•		•	•		
Myoglobin FS	Particle-enhanced immunoturbidimetric test	•	•		•	•		
Prealbumin FS	Immunoturbidimetric test	•	•		•	•		
Rheumatoid factor FS	Immunoturbidimetric test	•	•	•	•	•		•
Transferrin FS	Immunoturbidimetric test	•	•	•	•	•		

REAGENTS

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IMMUNOTURBIDIMETRIC TESTS

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 Kit for Prestige 24i and BIOLIS 24i
 Kits for Selectra Systems: Bottles suitable for Vitalab Selectra



CALIBRATORS

TruCal U	Multi-calibrator for clinical chemistry
TruCal E	Liquid-stable multi-calibrator for electrolytes
TruCal Lipid	Lipid calibrator
TruCal Protein	Liquid-stable multi-calibrator for proteins
TruCal Protein high	Liquid-stable multi-calibrator for proteins
TruCal Albumin U/CSF	For use with Albumin in Urine/CSF FS
TruCal Albumin U/CSF high	For use with Albumin in Urine/CSF FS
TruCal Apo A1/B	For use with Apolipoprotein A1 FS and Apolipoprotein B FS
TruCal ASO	For use with Antistreptolysin O FS
TruCal CK-MB	For use with CK-MB FS
TruCal CRP	For use with CRP FS
TruCal CRP 150	For use with CRP FS
TruCal CRP high	For use with CRP FS up to 500 mg/L
TruCal CRP hs	For use with CRP U-hs
TruCal CRP U	For use with CRP U-hs
TruCal Cystatin C	For use with Cystatin C FS
TruCal D-Dimer	For use with D-Dimer FS
TruCal Ferritin	For use with Ferritin FS
TruCal Ferritin SR	For use with Ferritin SR
TruCal HbA1c liquid	For use with $\text{HbA1c}_{\text{NED}}^{\text{HbA1c}}$ FS
TruCal HbA1c $\text{NED}^{\text{HbA1c}}$	For use with $\text{HbA1c}_{\text{NED}}^{\text{HbA1c}}$ FS
TruCal Homocysteine	For use with Homocysteine FS
TruCal IgE	For use with Immunoglobulin E FS
TruCal Lp(a) 21	For use with Lp(a) 21 FS
TruCal Myoglobin	For use with Myoglobin FS
TruCal RF	For use with Rheumatoid factor FS
TruCal UIBC	For use with UIBC FS

CALIBRATORS · STANDARDS

STANDARDS

Albumin Standard FS	Iron Standard FS
ATP Standard FS	Magnesium Standard FS
Bicarbonate Standard FS	NEFA Standard FS
Calcium Standard FS	Phosphate Standard FS
Chloride Standard FS	Phospholipids Standard FS
Cholesterol Standard FS	Total protein Standard FS
Creatinine Standard FS	Total protein UC Standard FS
Ethanol Standard FS	Triglycerides Standard FS (additional value for glycerol)
Glucose Standard FS	Urea Standard FS
β -Hydroxybutyrate Standard FS	Uric acid Standard FS



CONTROLS

TruLab N	"Normal" control for clinical chemistry
TruLab P	"Pathological" control for clinical chemistry
TruLab L	Lipid control
TruLab Protein	Liquid-stable protein control
TruLab Urine	Control for analytes in urine
TruLab Albumin U/CSF	For use with Albumin in Urine/CSF FS
TruLab Bicarbonate	For use with Bicarbonate FS
TruLab CRP	For use with CRP FS and CRP U-hs
TruLab CRP hs	For use with CRP U-hs
TruLab Cystatin C	For use with Cystatin C FS
TruLab D-Dimer	For use with D-Dimer FS
TruLab Ethanol	For use with Ethanol FS
TruLab HbA1c liquid	For use with HbA1c FS
TruLab HbA1c	For use with HbA1c FS
TruLab Homocysteine	For use with Homocysteine FS
TruLab Lp(a)	For use with Lp(a) 21 FS

SUPPLEMENTARY REAGENTS

CK-MB DS	Supplementary reagent for determination of CK-MB Double signal for increased sensitivity and precision
Glucose Hemolyzing Solution	For use with Glucose Gluc-DH FS
HbA1c Hemolyzing Solution	For use with HbA1c FS
HbA1c Hemolyzing Solution	For use with HbA1c FS
HDL Precipitant	Supplementary reagent for use with Cholesterol FS
LDL Precipitant	Supplementary reagent for use with Cholesterol FS
Pyridoxal-5-Phosphate FS	Supplementary reagent for IFCC recommended ASAT/ALAT determination
Cleaner 14	Alkaline cleaning solution for Selectra Systems

CLEANERS FOR *respons*[®]

Cat. No.

Kit size

Cleaner A	1 8610 99 10 923	4 x 60 mL
Cleaner B	1 8650 99 10 923	4 x 60 mL
Cleaner <i>respons</i> [®] 920	1 8830 99 10 885	6 x 200 mL

CONTROLS
SUPPLEMENTARY REAGENTS



PHOTOMETRIC ANALYZERS

respons[®] 910	Automated bench top clinical chemistry analyzer	<ul style="list-style-type: none"> :: 150 tests/h (mono-reagents), 100 tests/h (2-component reagents) :: Combined reagent/sample tray for 30 reagents and 30 patient samples :: STAT-analytics possible for 2 sample positions
respons[®] 920	Fully automated bench top random access clinical chemistry analyzer	<ul style="list-style-type: none"> :: 200 tests/h (360 tests/h with ISE) :: STAT-sample capability :: On-board capacity: 30 reagents :: 39 sample tray positions for samples, calibrators and controls
BioMajesty[®] JCA-BM6010/C*	Random access clinical chemistry analyzer	<ul style="list-style-type: none"> :: 800 tests/h (total throughput 1200 tests/h with ISE) :: 51 simultaneous assay measurements (54 with ISE) :: Micro volume technology :: Advanced HbA1c determination
InnovaStar[®]	Advanced point-of-care analyzer	<ul style="list-style-type: none"> :: Photometric measurement of HbA1c, glucose, hemoglobin and more
StarDust MC15	Semi-automated analyzer	<ul style="list-style-type: none"> :: Photometers for measurement of substrates, enzymes, electrolytes and immunoturbidimetric tests, including serological parameters and specific proteins :: Fully programmable

WATER PURIFICATION SYSTEMS

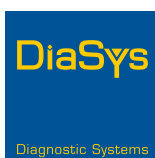
MINI OP100	Up to 30 L/day	<ul style="list-style-type: none"> :: Reverse osmosis combined with ion exchange
OP101/OP101+	Up to 50 L/day	<ul style="list-style-type: none"> :: Removal of 99 % of all contaminants
OP202+/OP302+	Up to 50 – 100 L/day (OP202+) Up to 150 L/day (OP302+)	<ul style="list-style-type: none"> :: Manometric and conductometric controls

BIOSENSOR GLUCOSE/LACTATE ANALYZERS

SensoStar GL30 TOUCH	30 sample positions Colour touch screen	<ul style="list-style-type: none"> :: Biosensor technology for the measurement of glucose and/or lactate :: High accuracy and excellent precision
SensoStar GLHsix	For single samples and small series Optional measurement of hemoglobin	<ul style="list-style-type: none"> :: Maintenance-free biosensor :: Automatic calibration :: Individual hematocrit correction for whole blood samples :: Printer and EDP interface included

* Please contact your local supplier concerning availability in your country

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Handed over by:

