

# REAGENTS

THE HIGHEST QUALITY RANGE  
OF ROUTINE AND NOVEL REAGENTS



**RANDOX**

**RANDOX**  
REAGENTS

## REAGENTS

Advancing Biochemistry Testing for Laboratories

**RANDOX**

RANDOX LABORATORIES LTD.  
55 Diamond Road  
Crumlin Co. Antrim  
United Kingdom BT29 4QY

**ADPN**

REF AO2799

4 x 65ml R1  
4 x 33.5ml R2

LOT


IVD CE 2°C 8°C



AO2799

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# BENEFITS OF RANDOX REAGENTS

Radox offers an extensive range of third party diagnostic reagents which are internationally recognised as being of the highest quality; producing accurate and precise results.

We have the largest test menu of 118 assays, covering over 100 disease markers including specific proteins, lipids, therapeutic drug monitoring, drugs of abuse, antioxidants, coagulation, diabetes and veterinary testing.

A wide range of formats and methods are available providing greater flexibility and choice for any laboratory size.

In addition to flexible pack sizes and a comprehensive list of analyser applications, we can also provide dedicated reagent packs (Radox Easy Read and Easy Fit reagents) for a wide range of chemistry analysers providing you with freedom of choice from an independent manufacturer.



REDUCE COSTS



BRING TESTING IN-HOUSE



EXPAND YOUR ROUTINE TESTING

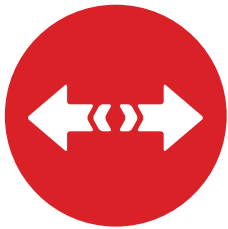
We can help create cost-savings for your laboratory through excellent reagent stability; by eliminating the need for costly re-runs through the excellent quality of products; and by offering a range of kit sizes (including smaller kit sizes for niche tests to reduce waste).

With smaller kit sizes and excellent reagent stability (most are stable for 28 days on-board the analyser), you don't have to worry about reagent wastage, allowing testing to be brought in-house.

With speciality assays for 195 of the most common clinical chemistry analysers; assays which usually require dedicated equipment (or was previously only available as an ELISA) can now be run on automated biochemistry analysers, allowing your laboratory to expand its routine test menu. E.g. TxBCardio™, cystatin C, adiponectin, and many more.

For more information about Radox and for our full range of products, please visit [www.radox.com](http://www.radox.com), or contact your local Radox representative.





**EXPAND YOUR TEST MENU  
WITHOUT EXPANDING  
YOUR LAB**

**REDUCE THE RISK OF ERRORS  
AND HAVE CONFIDENCE IN  
PATIENT RESULTS**

**REDUCE LABOUR**

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There is no need to buy any extra equipment in order to expand your test menu. Our reagents can be programmed onto the majority of the most common biochemistry analysers.

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Our traceability of material and extremely tight manufacturing tolerances ensure uniformity across reagent batches reducing lot-to-lot variability and our assays are validated against gold-standard methods; giving you the confidence that you are sending out the correct patient results.

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Reduce your time spent on running tests through liquid ready-to-use reagents, automated methods (compared to the traditional laborious ELISA methods used for some tests such as cystatin C or adiponectin); and our easy-fit options.

## CLINICAL CHEMISTRY

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Acid Phosphatase	Glutamate
Adiponectin	Glutamine
Aldolase	Glycerol
Alkaline Phosphatase	Haemoglobin
ALT	Iron
Ammonia	Iron/UIBC
Amylase	L-Lactate
Pancreatic Amylase	Lactate Dehydrogenase
AST	Leucine Arylamidase (LAP)
Bile Acids	Lipase
Bilirubin	Magnesium
Calcium	Phosphorus
Chloride	Potassium
Cholinesterase	Pregnancy Test
CK-MB	Sodium
CK-NAC	Syphilis
CO <sub>2</sub> Total	Total Protein
Copper	Urinary Protein
G-6-PDH	Urea
Gamma GT	Uric Acid
GLDH	Zinc

## SPECIFIC PROTEINS

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Alpha-I-Acid Glycoprotein	Ferritin
Alpha-I-Antitrypsin	Haptoglobin
Anti-Streptolysin O	HbA1c
Apolipoprotein A-I	IgA
Apolipoprotein A-II	IgE
Apolipoprotein B	IgG
Apolipoprotein C-II	IgM
Apolipoprotein C-III	Lipoprotein (a)
Apolipoprotein E	Microalbumin
Ceruloplasmin	Myoglobin
Complement C3	Rheumatoid Factor
Complement C4	Soluble Transferrin Receptor (STFR)
CRP	Transferrin
Cystatin C	Transthyretin (Prealbumin)

## LIPIDS

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Total Cholesterol	sLDL Cholesterol
HDL Cholesterol	Apolipoprotein A-II
LDL Cholesterol	Apolipoprotein C-II
Triglycerides	Apolipoprotein C-III
Apolipoprotein A-I	Apolipoprotein E
Apolipoprotein B	HDL3-C
Lipoprotein (a)	sPLA <sub>2</sub> - IIA *

## DIABETES

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Adiponectin	Microalbumin
Fructosamine	Cystatin C
Glucose	NEFA
HbA1c	Beta-2 Microglobulin
Albumin	D-3 Hydroxybutyrate (Ranbut)
Creatinine	

## CARDIOLOGY

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Adiponectin  
Heart-type Fatty Acid Binding Protein  
Homocysteine

High Sensitivity CRP  
TxBCardio

## THERAPEUTIC DRUG MONITORING

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Acetaminophen  
Carbamazepine  
Digoxin  
Gentamicin  
Lithium

Phenobarbital  
Phenytoin  
Salicylate  
Valproic Acid

## DRUGS OF ABUSE

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Barbiturates  
Benzodiazepines  
Cannabinoids  
Cocaine Metabolite  
Opiates

EDDP  
Ecstasy  
Ethanol  
Methadone  
Methamphetamine

## ANTIOXIDANTS

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Bilirubin (Direct)  
Bilirubin (Total)  
Ceruloplasmin  
Ferritin  
Glutathione Peroxidase (Ransel)  
Glutathione Reductase

Superoxide Dismutase (Ransod)  
Total Antioxidant Status  
Total Iron Binding Capacity  
Transferrin  
Uric Acid

## RAPID TESTS / SEROLOGY

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Anti-Streptolysin O  
CRP  
G-6-PDH

Pregnancy Test  
Rheumatoid Factor  
Syphilis (RPR and TPHA)

## VETERINARY

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Albumin  
Alkaline Phosphatase  
ALT  
Aldolase  
Amylase  
Bile Acids  
Bilirubin  
Calcium  
Chloride  
Cholinesterase  
Creatinine  
CK-NAC  
CO<sub>2</sub> Total  
Copper  
CRP  
Canine CRP  
D-3 Hydroxybutyrate (Ranbut)  
Fructosamine  
Gamma GT

GLDH  
Glucose  
Glutathione Peroxidase (Ransel)  
HDL Cholesterol  
L-Lactate  
Lactate Dehydrogenase  
LDL Cholesterol  
Lipase  
Magnesium  
NEFA  
Phosphorus  
Potassium  
Superoxide Dismutase (Ransod)  
Sodium  
Urinary Protein  
Urea  
Uric Acid  
Zinc

# A-Z PORTFOLIO OF REAGENTS

Acetaminophen (Paracetamol)  
Acid Phosphatase  
Adiponectin  
Albumin  
Aldolase  
Alkaline Phosphatase  
Alpha-1-Acid Glycoprotein  
Alpha-1-Antitrypsin  
Alanine Aminotransferase (ALT)  
Ammonia  
Amylase  
Amylase (Pancreatic)  
Anti-Streptolysin O (ASO)  
Apolipoprotein A-I  
Apolipoprotein A-II  
Apolipoprotein B  
Apolipoprotein C-II  
Apolipoprotein C-III  
Apolipoprotein E  
Aspartate Aminotransferase (AST)  
Barbiturates  
Benzodiazepines  
 $\beta_2$  Microglobulin  
Bile Acids  
Bilirubin (Total/Direct)  
Calcium  
Cannabinoids  
Carbamazepine  
Ceruloplasmin  
Chloride  
Cholesterol (Total)  
Cholesterol (HDL)  
Cholesterol (HDL3)  
Cholesterol (LDL)  
Cholesterol (sLDL)  
Cholinesterase  
CK-MB  
CK-NAC  
CO<sub>2</sub> Total  
Cocaine Metabolite  
Complement C3  
Complement C4  
Copper  
Creatinine  
CRP  
CRP (Canine)  
CRP (Full Range)  
CRP (High Sensitivity)  
Cystatin C  
Digoxin  
Ecstasy  
EDDP  
Ethanol  
Ferritin  
Fructosamine  
G-6-PDH  
Gamma GT  
Gentamicin  
GLDH  
Glucose  
Glutamate  
Glutamine  
Glutathione Peroxidase (Ransel)  
Glutathione Reductase  
Glycerol  
Haemoglobin  
Haptoglobin  
HbA1c  
Heart-type Fatty Acid Binding Protein (H-FABP)  
Homocysteine  
D-3-Hydroxybutyrate (Ranbut)  
IgA  
IgE  
IgG  
IgM  
Iron  
Iron/UIBC  
L-Lactate  
Lactate Dehydrogenase  
Leucine Arylamidase (LAP)  
Lipase  
Lipoprotein (a)  
Lithium  
Magnesium  
Methadone  
Methamphetamine  
Microalbumin  
Myoglobin  
NEFA (Non-Esterified Fatty Acids)  
Opiates  
Phenobarbital  
Phenytoin  
Phosphorus  
Potassium  
Pregnancy Test  
Rheumatoid Factor (RF)  
Salicylate  
Sodium  
Soluble Transferrin Receptor (STFR)  
sPLA<sub>2</sub>-I IA  
Superoxide Dismutase (Ransod)  
Syphilis  
Total Iron Binding Capacity (TIBC)  
Total Antioxidant Status (TAS)  
Total Protein  
Transferrin  
Transthyretin (Prealbumin)  
Triglycerides  
TxBCardio  
Urea  
Uric Acid  
Urinary Protein  
Valproic Acid  
Zinc



## Acetaminophen (Paracetamol) (Colorimetric)

Cat. No: ACE4023      R1 2 x 11ml (C)  
R2 2 x 6.5ml

- Liquid ready-to-use reagents
- Open reagent stable on board for 7 days at +10°C
- Measuring range 4.89–652 mg/l  
(C) Indicates calibrator included in kit

### Acusera Controls and Calibrators:

Therapeutic Drug Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium Control, Liquid Immunoassay Premium Control, Immunoassay Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus

### RIQAS:

Therapeutic Drug Programme

## Acid Phosphatase (Colorimetric)

Cat. No: AC1011      20 x 3ml  
AC8001      4 x 6ml

- Lyophilised reagents available
- Suitable for the detection of both total and non prostatic acid phosphatase
- Working reagent stable for 5 days at +2 to +8°C or 24 hours at +15 to +25°C
- Measuring range 2.53-159 U/l total acid phosphatase; 1.76-80.8 U/l non-prostatic acid phosphatase

### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Clinical Chemistry Calibration Serum

### RIQAS:

General Clinical Chemistry Programme

### Adiponectin

(Latex Enhanced Immunospectrometric)

Cat. No: AO2799	R1 4 x 65ml R2 4 x 33.5ml
AO2999	R1 2 x 15.8ml R2 2 x 8.4ml
AO8154 (RX Modena)	R1 1 x 8.7ml R2 1 x 8.7ml

- Liquid ready-to-use reagents
- Stable for 28 days on-board the analyser at approximately +10°C
- Measuring range 0.50-40 µg/mL

#### Acusera Controls and Calibrators:

Adiponectin Controls and Adiponectin Calibrator

### Albumin (BCG)

Cat. No: AB362	6 x 100ml (S)
AB3800	9 x 51ml
AB8000	4 x 68ml
AB8301	4 x 20ml

- Liquid ready-to-use reagents
  - Stable for 3 months when stored at +15 to +25°C
  - Measuring range 2.87-75.5 g/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Specific Protein Control, CSF Control, Liquid Urinalysis, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Aldolase (UV Method)

Cat. No: AD189	5 x 20ml
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- Lyophilised reagent
- Working reagent stable for 8 hours at +2 to +8°C
- Measuring range 1.73-106 U/l

#### Acusera Controls and Calibrators:

Aldolase Control and Aldolase Calibrator

### Alkaline Phosphatase (DEA Method) (DGKC)

Cat. No:	AP307	10 x 10ml
	AP542	20 x 3ml
	AP3803	R1 6 x 51ml ♣ R2 6 x 14ml
	AP3882	6 x 21ml ♣
	AP9764	R1 7 x 38ml ♣ R2 7 x 11.7ml
	AP8303	R1 4 x 20ml ♣ R2 4 x 7ml
	AP8003	R1 7 x 20ml ♣ R2 7 x 8ml

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C
- Measuring range 16.3-2183 U/l
- ♣ Indicates liquid option

#### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Alkaline Phosphatase (AMP Method)

Cat. No:	AP311	10 x 10 ml
	AP313	5 x 100ml
	AP3802	R1 6 x 51ml ♣ R2 6 x 14ml
	AP3877	6 x 21ml ♣
	AP7927	R1 5 x 100ml ♣ R2 5 x 20ml
	AP8002	R1 7 x 20ml ♣ R2 7 x 8ml
	AP8302	R1 4 x 20ml ♣ R2 4 x 7ml

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C
- Measuring range 18-1273 U/l
- ♣ Indicates liquid option

#### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Alpha-I-Acid Glycoprotein (Immunoturbidimetric)

Cat. No:	AG2472	R1 3 x 16ml R2 3 x 5ml
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- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 24.6-453 mg/dl

#### Acusera Controls and Calibrators:

Specific Protein Control, Precision Chemistry Plus, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

#### RIQAS:

Specific Proteins Programme

### Alpha-I-Antitrypsin (Immunoturbidimetric)

Cat. No:	AA2471	R1 3 x 16ml
		R2 3 x 5ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 38.7-660 mg/dl

#### Acusera Controls and Calibrators:

Specific Protein Control, Precision Chemistry Premium Plus, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

#### RIQAS:

Specific Proteins Programme

### Alanine Aminotransferase (ALT) (UV) (IFCC)

Cat. No:	AL1200	20 x 2ml
	AL1205	10 x 10ml
	AL1268	5 x 20ml
	AL2360	5 x 100ml
	AL3875	6 x 21ml ♣
	AL7904	R1 7 x 50ml ♣
		R2 2 x 44ml
	AL7930	R1 7 x 100ml ♣
		R2 3 x 60ml
	AL3801	R1 6 x 51ml ♣
		R2 6 x 14ml
	AL8006	R1 6 x 56ml ♣
		R2 6 x 20ml (Mod IFCC)
	AL8304	R1 4 x 20ml ♣
		R2 4 x 7ml (Mod IFCC)

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C
- Measuring range 4.25-666 U/l
- ♣ Indicates liquid option

#### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Alanine Aminotransferase (ALT) (Colorimetric)

Cat. No:	AL100	2 x 100ml
	AL146	2 x 100ml (S)

- Liquid ready-to-use reagents
- Stable up to the expiry date when stored at +2 to +8°C.
- Manual method
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium, Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus

#### RIQAS:

General Clinical Chemistry Programme

**Ammonia (Enzymatic UV)**

Cat. No:	AM1015	10 x 5ml (C)
	AM1054	20 x 3ml (S)
	AM3979	R1 4 x 20ml R2 2 x 10ml
	AM8112	R1 2 x 16ml R2 2 x 6ml

- Lyophilised reagents
- Stable for 3 weeks at +2 to +8°C or 5 days at +15 to +25°C
- Measuring range 16.9-1180 µmol/l
- (C) Indicates calibrator included in kit
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Ammonia/Ethanol Control and Randox Multi Control and Calibrator

**RIQAS:**

Ammonia / Ethanol Programme

**Amylase (Ethylidene PNPG7)**

Cat. No:	AY3805	R1 4 x 16ml ♣ R2 4 x 5ml
	AY7931	R1 6 x 50ml ♣ R2 4 x 18ml
	AY7932	R1 6 x 20ml ♣ R2 3 x 10ml
	AY9707	R1 9 x 63ml ♣ R2 9 x 16ml
	AY1580	20 x 5ml
	AY2751	20 x 2ml
	AY8004	R1 7 x 18ml ♣ R2 7 x 7.3ml
	AY8335	R1 4 x 20ml ♣ R2 4 x 7ml

- Liquid and lyophilised reagents available
- Stable to expiry at +2 to +8°C
- Measuring range 7.3-1245 U/l
- ♣ Indicates liquid option

**Acusera Controls and Calibrators:**

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Urine, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Pancreatic Amylase (Ethylidene PNPG7)**

Cat. No:	AY3855	R1 4 x 16ml R2 4 x 5ml
	AY7934	R1 6 x 20ml R2 3 x 10ml
	AY8149	R1 7 x 11ml R2 7 x 4.8ml

- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to +8°C
- Wide measuring range 6.11-1500 U/l

**Acusera Controls and Calibrators:**

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Anti-Streptolysin O**  
(Latex Enhanced Immunoturbidimetric)

Cat. No:	LO3998	R1 2 x 9ml R2 2 x 14ml
	LO3999	R1 6 x 17.2ml R2 6 x 28.4ml
	LO8015	R1 2 x 8.7ml R2 2 x 12ml
	LO2715	100T (Glass latex slide test)
	LO8305	R1 1 x 7.7ml R2 1 x 11.2ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 28-1314 IU/ml

**Acusera Controls and Calibrators:**  
Specific Protein Control and Specific Protein Calibrator

**RIQAS:**  
Specific Proteins Programme

**Apolipoprotein A-I** (Immunoturbidimetric)

Cat. No:	LP2116	R1 4 x 40ml (C) R2 4 x 17ml
	LP2989	R1 4 x 60ml (C) R2 4 x 36ml
	LP3838	R1 4 x 30ml R2 4 x 12ml
	LP8007	R1 2 x 8.6ml R2 2 x 4.8ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 5.27-251 mg/dl  
(C) Indicates calibrator included in kit

**Acusera Controls and Calibrators:**  
Liquid Lipid Control, Lipid Control, Liquid Chemistry Premium, Precision Chemistry Premium Plus, Assayed Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Apolipoprotein Calibrator

**RIQAS:**  
Lipid Programme

**Apolipoprotein A-II** (Immunoturbidimetric)

Cat. No:	LP3867	R1 2 x 11ml R2 2 x 5ml
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- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 6.75-61.1 mg/dl

**Acusera Controls and Calibrators:**  
Apolipoprotein Control, Apolipoprotein Calibrator 2

**Apolipoprotein B** (Immunoturbidimetric)

Cat. No:	LP2117	R1 4 x 50ml (C) R2 4 x 9ml
	LP2990	R1 4 x 60ml (C) R2 4 x 15ml
	LP3839	R1 4 x 20ml R2 4 x 6ml
	LP8008	R1 2 x 8.7ml R2 2 x 3.9ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 9.37-233 mg/dl  
(C) Indicates calibrator included in the kit

**Acusera Controls and Calibrators:**  
Liquid Lipid Control, Lipid Control, Precision Chemistry Premium Plus, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Apolipoprotein Calibrator

**RIQAS:**  
Lipid Programme

### Apolipoprotein C-II (Immunoturbidimetric)

Cat. No: LP3866      R1 2 x 11ml  
R2 2 x 5ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 1.48–9.7 mg/dl

**Acusera Controls and Calibrators:**  
Apolipoprotein Control, Apolipoprotein Calibrator 2

### Apolipoprotein C-III (Immunoturbidimetric)

Cat. No: LP3865      R1 2 x 11ml  
R2 2 x 5ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 2.16–21.7 mg/dl

**Acusera Controls and Calibrators:**  
Apolipoprotein Control, Apolipoprotein Calibrator 2

### Apolipoprotein E (Immunoturbidimetric)

Cat. No: LP3864      R1 2 x 11ml  
R2 2 x 5ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 1.04–12.3 mg/dl

**Acusera Controls and Calibrators:**  
Apolipoprotein Control, Apolipoprotein Calibrator 2

### Aspartate Aminotransferase (AST) (UV) (Mod. IFCC)

Cat. No:	AS1202	20 x 2ml
	AS1204	10 x 10ml
	AS1267	5 x 20ml
	AS2359	5 x 100ml
	AS3876	6 x 20ml
	AS7938	R1 7 x 100ml ♣ R2 3 x 60ml
	AS3804	R1 6 x 51ml ♣ R2 6 x 14ml
	AS101	R1 1 x 100 ml R2 1 x 100 ml ♣ (Colorimetric, manual only)
	AS147	2 x 100ml (S) ♣ (Colorimetric, manual only)
	AS8005	R1 6 x 56ml ♣ R2 6 x 20ml
	AS8306	R1 4 x 20ml ♣ R2 4 x 7ml

- Liquid and lyophilised reagents available
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 4.42-657 U/l
- ♣ Indicates liquid option
- (S) Indicates standard included in kit

**Acusera Controls and Calibrators:**  
Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**  
General Clinical Chemistry Programme

### Barbiturates

(Homogeneous Enzyme Immunoassay)

Cat. No: DA4008 R1 2 x 16.9ml  
R2 2 x 8ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C

**Acusera Controls and Calibrators:**  
Multidrug control, Multidrug calibrator

**RIQAS:**  
Urine Toxicology Programme

### Benzodiazepines

(Homogeneous Enzyme Immunoassay)

Cat. No: DA4009 R1 2 x 16.9ml  
R2 2 x 8ml

- Liquid ready-to-use reagents
- Open vial stability: 28 days at approximately +10°C

**Acusera Controls and Calibrators:**  
Benzodiazepines Control, Benzodiazepines Calibrator Series

**RIQAS:**  
Urine Toxicology Programme

### β<sub>2</sub> Microglobulin (Immunoturbidimetric)

Cat. No: BM3887 R1 2 x 11ml  
R2 2 x 4.3ml  
BM8016 R1 2 x 11.6ml  
R2 2 x 4.9ml

- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to +8°C
- Measuring range 0.476-20.9 mg/l

**Acusera Controls and Calibrators:**  
Liquid Chemistry Premium Plus Control, Immunoassay Premium Control, Liquid Immunoassay Premium Control, Immunoassay Premium Plus, Specific Protein Control, Liquid Assayed Chemistry Premium Plus Control, Beta-2-Microglobulin Calibrator

**RIQAS:**  
Specific Proteins Programme

### Bile Acids (Colorimetric)

Cat. No: B17982 R1 6 x 50ml ♣  
R2 6 x 18ml  
B13863 R1 2 x 18ml ♣  
R2 2 x 8ml  
B12672 R1 10 x 10ml  
R2 1 x 30ml  
B18150 R1 2 x 17.7ml ♣  
R2 2 x 8.9ml

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C
- Measuring range 1.47-150 µmol/l
- ♣ Indicates liquid option

**Acusera Controls and Calibrators:**  
Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**  
General Clinical Chemistry Programme



**Bilirubin (Direct) (Modified Jendrassik)**

Cat. No:	BR2362	2 x 250ml ♣
	BR3807	R1 2 x 30ml ♣ R2 8 x 4ml
	BR8035	R1 4 x 16ml ♣ R2 8 x 4ml
	BR7939	R1 6 x 50ml R2 3 x 20ml (DPD)
	BR9765	R1 4 x 14ml ♣ R2 4 x 6ml (Vanadate Oxidation Method)
	BR4060	R1 4 x 20ml ♣ R2 4 x 8ml (Vanadate Oxidation Method)
	BR8133	R1 4 x 52.2ml ♣ R2 4 x 20ml (Vanadate Oxidation Method)
	BR8376	R1 4 x 20ml ♣ R2 4 x 8ml (Vanadate Oxidation Method)

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +15 to +25°C
- Measuring range 0.95-606 µmol/l
- ♣ Indicates liquid option

**Acusera Controls and Calibrators:**

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Bilirubin (Total) (Modified Jendrassik)**

Cat. No:	BR2361	2 x 250ml ♣
	BR3859	R1 2 x 50ml ♣ R2 8 x 4ml
	BR243	R1 1 x 100ml (DCA) ♣ R2 2 x 100ml
	BR8036	R1 2 x 50ml ♣ R2 8 x 4ml
	BR9766	R1 4 x 68ml ♣ R2 4 x 25ml (Vanadate Oxidation Method)
	BR4061	R1 4 x 20ml ♣ R2 4 x 8ml (Vanadate Oxidation Method)
	BR8132	R1 4 x 52.2ml ♣ R2 4 x 20ml (Vanadate Oxidation Method)
	BR8377	R1 4 x 20ml ♣ R2 4 x 8ml (Vanadate Oxidation Method)

- Liquid and lyophilised reagents available
- Measuring range 1.50-578.98 µmol/l
- ♣ Indicates liquid option

**Acusera Controls and Calibrators:**

Chemistry Premium, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Calcium (CPC/AMP)**

Cat. No:	CA590	R1 1 x 100ml (S) R2 1 x 100ml
	CA7941	R1 6 x 50ml R2 3 x 50ml
	CA8020	R1 4 x 68ml R2 2 x 65ml

- Liquid ready-to-use reagents
- Open vial stability of 21 days
- Measuring range 0.075-5.67 mmol/l (S) Indicates standard included in the kit

**Acusera Controls and Calibrators:**

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Calcium (Arsenazo)**

Cat. No:	CA2390	6 x 100ml
	CA3871	9 x 51ml
	CA8021	4 x 68ml
	CA8309	4 x 20ml

- Liquid ready-to-use reagents
- Stable to expiry when stored at +15 to +25°C
- Measuring range 0.09-4.3 mmol/l in serum, 0.1-5.91 mmol/l in urine

**Acusera Controls and Calibrators:**

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Cannabinoids**

(Homogeneous Enzyme Immunoassay)

Cat. No:	DA4010	R1 2 x 16.9ml R2 2 x 8ml
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- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Open vial stability: 28 days at approximately +10°C

**Acusera Controls and Calibrators:**

Cannabinoids Control, Cannabinoids Calibrator

**RIQAS:**

Urine Toxicology Programme

**Carbamazepine**

(Latex Enhanced Immunoturbidimetric)

Cat. No:	TD3416	R1 2 x 12ml R2 2 x 5ml
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- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 1.02–19.0 µg/ml

**Acusera Controls and Calibrators:**

Therapeutic Drug Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium, Liquid Immunoassay Premium, Immunoassay Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Therapeutic Drug Calibrator

**RIQAS:**

Therapeutic Drugs Programme

**Ceruloplasmin (Immunoturbidimetric)**

Cat. No: CPL4017      R1 2 x 13.4ml  
                                  R2 2 x 4.8ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 6.29-73.8 mg/dl

**Acusera Controls and Calibrators:**

Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

**RIQAS:**

Specific Proteins Programme

**Chloride (Mercurous (II) -Thiocyanate)**

Cat.No: CLI645      6 x 500ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +15 to +25°C
- Measuring range 35.8-205 mmol/l

**Acusera Controls and Calibrators:**

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Urine Control, Assayed Urine Chemistry, Unassayed Urine Chemistry, CSF Control, Blood Gas Control, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Total Cholesterol (CHOD-PAP)**

Cat. No: CH200      6 x 30ml (S)  
                  CH201      6 x 100ml (S)  
                  CH202      8 x 250ml (S)  
                  CH3810      9 x 51ml  
                  CH7945      9 x 50ml  
                  CH9715      12 x 66ml  
                  CH8019      4 x 68ml  
                  CH8310      4 x 20ml

- Liquid ready-to-use reagents
  - Stable to expiry date when stored at +2 to +8°C
  - Measuring range 0.22-21.7 mmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Liquid Lipid Control, Lipid Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Chemistry Premium, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

Lipid Programme

### HDL Cholesterol (Direct Clearance Method)

Cat. No:	CH1383	R1 3 x 2.5L R2 1 x 2.5L
	CH2652	R1 6 x 30ml R2 3 x 20ml
	CH2655	R1 6 x 78ml R2 3 x 52ml
	CH3811	R1 3 x 51ml R2 3 x 20ml
	CH8033	R1 4 x 38.2ml R2 4 x 18.2ml
	CH8311	R1 4 x 20ml R2 4 x 9ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.189-4.03 mmol/l

#### Acusera Controls and Calibrators:

Liquid Lipid Control, Lipid Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, HDL/LDL Calibrator

#### RIQAS:

Lipid Programme

### HDL Cholesterol (Phosphotungstic Acid)

Cat. No:	CH203	4 x 80ml (Precipitant)*
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- Liquid ready-to-use reagents
- Stable to expiry date when stored at +15 to +25°C
- Measuring range 0.071–23.7 mmol/l

#### Acusera Controls and Calibrators:

Liquid Lipid Control, Lipid Control, Cholesterol Standard

#### RIQAS:

Lipid Programme

\* Precipitant for use with CH200, CH201 and CH202

### HDL3 Cholesterol (Clearance Method)

Cat. No:	CH10165	R1 1 x 20ml R2 1 x 7.5ml
	CH10163	R1 4 x 38.2ml R2 4 x 18.2ml
	CH8155 (RX modena)	R1 1 x 20ml R2 1 x 10ml

- Liquid ready-to-use reagents
- Open vial stability of 28 days when stored at +2 to +8°C
- Measuring range 4-60 mg/dl

#### Acusera Controls and Calibrators:

Calibrators and controls available

### LDL Cholesterol (Direct Clearance Method)

Cat. No:	CH2656	R1 6 x 78ml R2 3 x 52ml
	CH2657	R1 6 x 30ml R2 3 x 20ml
	CH3841	R1 3 x 51ml R2 3 x 20ml
	CH9702	R1 6 x 20ml R2 2 x 20ml
	CH8032	R1 4 x 19.2ml R2 4 x 10.1ml
	CH8312	R1 4 x 20ml R2 4 x 9ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.189-26.1 mmol/l

#### Acusera Controls and Calibrators:

Liquid Lipid Control, Lipid Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, HDL/LDL Calibrator

#### RIQAS:

Lipid Programme

### sLDL Cholesterol (Clearance Method)

Cat. No:	562616	R1 1 x 19.8ml R2 1 x 8.6ml
Cat. No:	CH8153 (Modena)	R1 1 x 16.2ml R2 1 x 8.2ml

- Liquid ready-to-use reagents
- Open vial stability: 30 days at +2 to +8°C
- Measuring range 4-100 mg/dl

#### Acusera Controls and Calibrators:

sLDL Control and sLDL Calibrator

### Cholinesterase (Butryl) (Colorimetric)

Cat. No:	CE190	R1 5 x 30ml R2 5 x 1ml
	CE7944	R1 6 x 40ml R2 6 x 9ml

- Lyophilised reagents
- Stable for 6 weeks at +2 to +8°C
- Measuring range 455-28722 U/l

#### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### CK-MB (Immunoinhibition) (UV)

Cat. No:	CK1296	19 x 2.5ml
	CK1553	5 x 20ml
	CK7946	R1 6 x 20ml R2 3 x 10ml
	CK9717	R1 6 x 21ml R2 2 x 15ml
	CK3813	R1 4 x 20ml R2 4 x 6ml
	CK4043	R1 4 x 20ml R2 4 x 6ml ♣
	CK8026	R1 4 x 20ml R2 4 x 6ml
	CK8148	R1 4 x 20ml ♣ R2 4 x 8ml

- Liquid and lyophilised reagents available
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 9.1-2216 U/l
- ♣ Indicates liquid option

#### Acusera Controls and Calibrators:

CK-MB Control, Cardiac Control, Liquid Chemistry Premium Plus, CK-MB Calibrator

#### RIQAS:

General Clinical Chemistry Programme

### CK-NAC (UV DGKC)

Cat. No:	CK110	20 x 2.5ml
	CK335	20 x 3ml
	CK522	10 x 10ml
	CK3812	R1 4 x 20ml R2 4 x 6ml
	CK7947	R1 6 x 20ml R2 3 x 10ml
	CK8025	7 x 15ml
	CK3892	R1 4 x 16.5ml ♣ R2 4 x 6.2ml (IFCC)
	CK8313	R1 4 x 20ml ♣ R2 4 x 7ml
	CK3878	R1a 6 x 16ml (IFCC) ♣ R1b 6 x 4ml
	CK8144	R1 4 x 20ml ♣ R2 4 x 8ml

- Liquid and lyophilised reagents available
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 9.16-2886 U/l
- ♣ Indicates liquid option

#### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### CO<sub>2</sub> Total (Enzymatic)

Cat. No:	CD127	10 x 10ml (C)
	CD129	10 x 50ml (C)
	CD4006	4 x 21.7ml (C) ♣
	CD8027	4 x 21.7ml (C) ♣
	CD8357	4 x 18 ml (C) ♣

- Liquid and lyophilised reagents available
- Stable to expiry date when stored at +2 to +8°C
- Open vial stability: 14 days at +10°C
- Measuring range 0.004-50 mmol/l
- ♣ Indicates liquid option
- (C) Indicates calibrator included in kit
- (S) Indicates standard included in kit

#### Acusera Controls and Calibrators:

Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Cocaine Metabolite

(Homogeneous Enzyme Immunoassay)

Cat. No:	DA4011	R1 2 x 16.9ml R2 2 x 8ml
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- Liquid ready-to-use reagents
- Open vial stability of 28 days when stored at +10°C

#### Acusera Controls and Calibrators:

Multidrug control, Multidrug calibrator

#### RIQAS:

Urine Toxicology Programme

### Complement C3 (Immunoturbidimetric)

Cat. No:	CM3845	R1 3 x 20ml R2 3 x 6ml
	CM8023	R1 2 x 9.6ml R2 2 x 4.2ml
	CM8348	R1 1 x 16.5ml R2 1 x 5.4ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 13-502 mg/dl

#### Acusera Controls and Calibrators:

Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

#### RIQAS:

Specific Proteins Programme

### Complement C4 (Immunoturbidimetric)

Cat. No:	CM3846	R1 3 x 20ml R2 3 x 6ml
	CM8024	R1 2 x 9.6ml R2 2 x 4.2ml
	CM8349	R1 1 x 14.2 ml R2 1 x 4.9 ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 2.9-152 mg/dl

#### Acusera Controls and Calibrators:

Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

#### RIQAS:

Specific Proteins Programme

### Copper (Colorimetric)

Cat. No:	CU2340	R1 5 x 20 ml (S) R2 1 x 30 ml
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- Lyophilised reagents
  - Stable for 2 weeks when stored at +2 to +8°C
  - Measuring range 6.6-86 µmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Creatinine (JAFPE)

Cat. No:	CR510	1 x 200ml (S)
	CR524	6 x 500ml (S)
	CR3814	R1 6 x 51ml R2 3 x 28ml
	CR7948	R1 7 x 50ml R2 2 x 40ml
	CR8022	R1 6 x 68ml R2 6 x 20ml
	CR8316	R1 4 x 20ml R2 4 x 7ml

- Liquid ready-to-use reagents
  - Open vial stability 21 days at +2 to +8°C
  - Measuring range 16 to 2448 µmol/l
- (S) Indicates standard included in the kit

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium, Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Urine Control, Liquid Urinalysis, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Creatinine (Enzymatic UV)

Cat. No:	CR2336	R1 4 x 50ml (S) R2 4 x 10ml
	CR2337	R1 4 x 100ml (S) R2 4 x 20ml
	CR4037	R1 4 x 50ml ♣ R2 4 x 19.5ml
	CR8122	R1 4 x 65ml ♣ R2 4 x 32.3ml
	CR8317	R1 4 x 20ml ♣ R2 4 x 9.5ml

- Liquid and lyophilised reagents available
  - Measuring range 1.4-2460 µmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.
- ♣ Indicates liquid option

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium, Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Urine Control, Liquid Urinalysis, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### CRP (Immunoturbidimetric)

Cat. No.	CP7950	R1 7 x 20ml R2 2 x 12ml
	CP9742	R1 6 x 66ml R2 6 x 13ml
	CP3826	R1 6 x 20ml R2 3 x 9ml
	CP2714	100T (Glass latex slide test)
	CPI423	100T (Disposable latex slide test)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 2.88-220 mg/l

#### Acusera Controls and Calibrators:

CRP Control, Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, CRP Calibrator, Specific Protein Calibrator

#### RIQAS:

Specific Proteins Programme

### Canine CRP (Immunoturbidimetric)

Cat. No:	CP2798	R1 7 x 20ml (C) R2 2 x 12ml
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- Liquid ready-to-use reagents
  - Stable to expiry date when stored at +2 to +8°C
  - Measuring range 0.8-22 mg/dl
- (C) Indicates calibrator included in kit

#### Acusera Controls and Calibrators:

Canine CRP Controls

### Full Range CRP (Latex Enhanced Immunoturbidimetric)

Cat. No:	CP3847	R1 2 x 11ml R2 2 x 11ml
	CP3849	R1 4 x 50ml R2 4 x 50ml
	CP8028	R1 2 x 13ml R2 2 x 13ml
	CP8315	R1 4 x 10ml R2 4 x 10ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.3-161 mg/l

#### Acusera Controls and Calibrators:

CRP Control, Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, CRP Calibrator, Specific Protein Calibrator

#### RIQAS:

Specific Proteins Programme



## High Sensitivity CRP (Latex Enhanced Immunoturbidimetric)

Cat. No: CP3885      R1 2 x 11ml  
                                  R2 2 x 11ml  
                                  CP8029      R1 2 x 13ml  
    R2 2 x 13ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.270-10 mg/l

### Acusera Controls and Calibrators:

High Sensitivity CRP Control, Liquid Cardiac Control, High Sensitivity CRP Calibrator Series

### RIQAS:

Liquid Cardiac Programme

## Cystatin C (Latex Enhanced Immunoturbidimetric)

Cat. No: CYS4004      R1 2 x 17.6ml  
    R2 2 x 6.1ml

- Liquid ready-to-use reagents
- Stable onboard the analyser for 28 days when stored at +10°C
- Measuring range 0.4-10 mg/l

### Acusera Controls and Calibrators:

Cystatin C Control and Cystatin C Calibrator

## Digoxin (Latex Enhanced Immunoturbidimetric)

Cat. No: TD3410      R1 2 x 8ml  
    R2 2 x 6ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.371-5.46 ng/ml

### Acusera Controls and Calibrators:

Therapeutic Drug Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium Control, Liquid Immunoassay Premium, Immunoassay Premium Plus, Liquid Cardiac Control, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Therapeutic Drug Calibrator

### RIQAS:

Therapeutic Drugs Programme

## Ecstasy (Homogeneous Enzyme Immunoassay)

Cat. No: DA4014      R1 2 x 16.9ml  
    R2 2 x 8ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Open vial stability: 28 days at approximately +10°C

### Acusera Controls and Calibrators:

Ecstasy control, Ecstasy calibrator

### RIQAS:

Urine Toxicology Programme

**EDDP**  
(Homogeneous Enzyme Immunoassay)

Cat. No: DA4013      R1 2 x 16.9ml  
R2 2 x 8ml

- Liquid ready-to-use reagents
- Stable up to the expiry date when stored at +2 to +8°C

**Acusera Controls and Calibrators:**  
EDDP control, EDDP calibrator

**RIQAS:**  
Urine Toxicology Programme

**Ethanol (Enzymatic)**

Cat. No: DA4015      R1 2 x 16.9ml  
R2 2 x 8ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 3-500 mg/dl

**Acusera Controls and Calibrators:**  
Ethanol Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Ethanol Calibrator

**RIQAS:**  
Urine Toxicology Programme

**Ferritin (Latex Enhanced Immunoturbidimetric)**

Cat. No: FN3452      R1 1 x 40ml  
R2 1 x 20ml  
FN3453      R1 4 x 40ml  
R2 4 x 20ml  
FN3888      R1 3 x 20ml  
R2 3 x 11ml  
FN8037      R1 4 x 16.2ml  
R2 4 x 10.2ml  
FN8346      R1 1 x 12.2 ml  
R2 1 x 7.4 ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 5.08-443 ng/ml

**Acusera Controls and Calibrators:**  
Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium, Liquid Immunoassay Premium, Immunoassay Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

**RIQAS:**  
Specific Proteins Programme

**Fructosamine (Enzymatic)**

Cat. No: FR3133      R1 5 x 25ml  
R2 5 x 6.3ml  
FR4030      R1 4 x 19.8ml  
R2 4 x 6.9ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 8.12-1803 µmol/l

**Acusera Controls and Calibrators:**  
Fructosamine Controls and Fructosamine Calibrator

**RIQAS:**  
General Clinical Chemistry Programme

**G-6-PDH (UV)**

Cat. No:	PD410	R1 1 x 100ml
	PD2616	R2 1 x 2ml 750 T (Screen Test)

- Lyophilised reagents
- Measuring range 154-4303 U/l

**Acusera Controls and Calibrators:**  
G-6-PDH Control

**Gamma GT (Colorimetric)**

Cat. No.:	GT523	10 x 10ml
	GT2750	20 x 3ml
	GT3817	R1 6 x 51ml ♣ R2 6 x 14ml
	GT3874	6 x 21ml ♣
	GT7955	R1 7 x 50ml R2 2 x 40ml ♣
	GT8041	R1 4 x 68ml ♣ R2 4 x 68ml (Mod. IFCC)
	GT8320	R1 4 x 20ml ♣ R2 4 x 7ml (Mod. IFCC)
	GT8146 (RX modena)	R1 7 x 20ml ♣ R2 7 x 8ml

- Liquid and lyophilised reagents available
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 3.9-1285 U/l
- ♣ Indicates liquid option

**Acusera Controls and Calibrators:**  
Chemistry Premium, Liquid Chemistry Premium Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control

**RIQAS:**  
General Clinical Chemistry Programme

**Gentamicin (Latex Enhanced Immunoturbidimetric)**

Cat. No:	TD3413	R1 2 x 15ml R2 2 x 6ml
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- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.847–11 µg/ml

**Acusera Controls and Calibrators:**  
Therapeutic Drug Control, Precision Chemistry Premium Plus, Immunoassay Premium, Liquid Immunoassay Premium, Immunoassay Premium Plus, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Therapeutic Drug Calibrator

**RIQAS:**  
Therapeutic Drugs Programme

**GLDH (UV) (DGKC)**

Cat. No.:	GL441	8 x 6ml
	GL442	5 x 100ml

- Lyophilised reagents
- Stable to expiry when stored at +2 to +8°C
- Measuring range 2.90-77.3 U/l

**Acusera Controls and Calibrators:**  
Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control and Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**  
General Clinical Chemistry Programme

### Glucose (GOD-PAP & Hexokinase)

Cat. No:	GL1611	4 x 100ml (Hexokinase) (S) ♦
	GL3881	4 x 50ml (Hexokinase)
	GL7954	R1 5 x 100ml (Hexokinase) R2 3 x 40ml ♦
	GL8038	4 x 68ml ♦
	GL7952	10 x 100ml ♦
	GL364	10 x 100ml (S)
	GL366	6 x 500ml (S)
	GL1021	2 x 500ml (S)
	GL3981	4 x 20ml ♦
	GL2614	2 x 500ml (S) ♦
	GL2623	6 x 100ml (S) ♦
	GL3815	9 x 51ml ♦
	GL3816	R1 4 x 51ml (Hexokinase) ♦ R2 3 x 20ml
	GL8318	4 x 20ml ♦
	GL8319	R1 4 x 20ml ♦ R2 4 x 6.5ml (Hexokinase)
	GL8145	R1 4 x 68ml (Hexokinase) R2 4 x 26.9ml ♦

- Liquid and lyophilised reagents
- Stable to expiry at +2 to +8°C
- Measuring range 0.200-35.5 mmol/l
- ♦ Indicates liquid option

(S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium, Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Urine Control, Liquid Urinalysis, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Multi Control and Calibrator, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Glutamate (Colorimetric)

Cat. No.:	GMI372	4 x 20ml
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- Lyophilised reagents
- Stable to expiry when stored at +2 to +8 °C
- Measuring range 0.11–10 mmol/l

#### Acusera Controls and Calibrators:

Multi-control and Multi-calibrator

### Glutamine (Colorimetric)

Cat. No.:	GMI373	R1 4 x 16ml R2 4 x 6.7ml
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- Lyophilised reagents
- Stable to expiry when stored at +2 to +8°C
- Measuring range 0.14–10 mmol/l

#### Acusera Controls and Calibrators:

Glutamine Control and Glutamine Calibrator

### Glutathione Peroxidase (Ransel) (Enzymatic)

Cat. No:	RS504	8 x 6.5ml
	RS505	8 x 10ml

- Lyophilised reagents
- Working reagent stable for 48 hours at +2 to +8 °C
- Measuring range 75-925 U/l

#### Acusera Controls and Calibrators:

Glutathione Peroxidase (Ransel) Control

### Glutathione Reductase (UV)

Cat. No:	GR2368	R1 5 x 5ml R2 5 x 3ml
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- Lyophilised reagents
- Working reagent stable for 2 days when stored at +2 to +8°C
- Measuring range 9.69-387 U/l

#### Acusera Controls and Calibrators:

Glutathione Reductase Control, Glutathione Reductase Calibrator

**Glycerol (GPO-PAP)**

Cat. No.: GY105      6 x 15ml (S)

- Lyophilised reagents
  - Working reagent stable for 14 days when stored at +2 to +8°C or 3 days at +15 to +25°C
  - Measuring range 14.5-2545 µmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**  
Glycerol Control

**Haemoglobin (Colorimetric)**

Cat. No.: HG1539      5 x 100ml

- Liquid reagents
- Stable to expiry when stored at +2 to +8°C
- No extraction needed with whole blood application
- Excellent linearity up to 21 g/dl

**Acusera Controls and Calibrators:**  
HbA1c Control and HbA1c Calibrator Series

**RIQAS:**  
Glycated Haemoglobin Programme

**Haptoglobin (Immunoturbidimetric)**Cat. No: HP3886      R1 1 x 12ml  
R2 2 x 3.825ml

- Liquid reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 0.13-3.68 g/l

**Acusera Controls and Calibrators:**  
Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

**RIQAS:**  
Specific Proteins Programme

**HbA1c (Latex Enhanced Immunoturbidimetric)**

Cat. No:	HA3830	R1 3 x 14ml R2 3 x 14ml
	HA8043	R1 2 x 14.2ml R2 2 x 14.2ml
	HA8321	R1 4 x 7.8ml R2 4 x 7.8ml
	HA3450	2 x 50ml (Haemoglobin Denaturant Reagent)

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 0.25–2.4 g/dl

**Acusera Controls and Calibrators:**  
HbA1c control set, Liquid HbA1c control,  
HbA1c Calibrator Series

**RIQAS:**  
Glycated Haemoglobin Programme

### HbA1c II (Latex Immunoagglutination)

Cat. No:	HA8123	R1 4 x 16.2ml R2 4 x 8.2ml
	HA8379	R1 4 x 12.7ml R2 4 x 6ml
	HA4068	R1 4 x 20ml R2 4 x 8.6ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- For use with RX series of clinical chemistry analysers

#### Acusera Controls and Calibrators:

HbA1c control set, Liquid HbA1c control, HbA1c Calibrator Series

#### RIQAS:

Glycated Haemoglobin Programme

### Heart-type Fatty Acid Binding Protein (H-FABP) (Immunoturbidimetric)

Cat. No:	FB4025	R1 1 x 19ml R2 1 x 7ml
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- Liquid ready-to-use reagents
- Stable to expiry at +2 to +8°C
- Measuring range - 0.747-120 ng/ml

#### Acusera Controls and Calibrators:

H-FABP Control Set and H-FABP Calibrator

### Homocysteine (Enzymatic)

Cat. No:	HY4036	R1 2 x 21.7ml (C) R2 2 x 4.6ml
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- Liquid ready-to-use reagents
- Stable on board the analyser for 28 days at +10°C
- Measuring range 1.7-47.9 µmol/l
- (C) Indicates calibrator included in kit

#### Acusera Controls and Calibrators:

Tri-Level Cardiac Control

#### RIQAS:

Cardiac Programme

### D-3-Hydroxybutyrate (Ranbut) (Enzymatic)

Cat. No:	RB1007	10 x 10ml (S)
	RB1008	10 x 50ml (S)
	RB4067	R1 2 x 20ml ♣ R2 2 x 5.8ml
	RB8378	R1 2 x 20ml ♣ R2 2 x 6.1ml

- Reconstituted stability: 7 days at +2 to +8°C
- Measuring range 0.100-5.75 mmol/l in serum
- (S) Indicates standard included in kit, and is for manual and semi-automated use only
- ♣ Indicates liquid option.

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

**IgA** (Immunoturbidimetric)

Cat. No:	IA7157	R1 4 x 20ml R2 4 x 20ml
	IA3832	R1 3 x 20ml R2 3 x 14ml
	IA8046	R1 5 x 8.7ml R2 5 x 3.9ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 0.21-6.25 g/l

**Acusera Controls and Calibrators:**

Specific Protein Control, Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Immunoglobulin Calibrators, Specific Protein

**RIQAS:**

Specific Proteins Programme

**IgE** (Immunoturbidimetric)

Cat. No:	IE7308	R1 1 x 8ml R2 1 x 5ml
	IE8152 (RX modena)	R1 1 x 8.7ml R2 1 x 5.7ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 19.6 -1007 IU/ml

**Acusera Controls and Calibrators:**

Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium, Liquid Immunoassay Premium, Immunoassay Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, IgE Calibrator

**RIQAS:**

Specific Proteins Programme

**IgG** (Immunoturbidimetric)

Cat. No:	IG2448	R1 1 x 60ml R2 1 x 5ml
	IG3833	R1 3 x 20ml R2 3 x 14ml
	IG3898	R1 4 x 20ml (HS) R2 4 x 6.5ml
	IG7158	R1 4 x 20ml R2 4 x 20ml
	IG8044	R1 4 x 8.7ml R2 4 x 3.9ml

- Liquid ready-to-use reagents
- Open vial stability: 28 days at +10°C
- Measuring range 1.61-56 g/l

**Acusera Controls and Calibrators:**

High Sensitivity IgG Control, Specific Protein Control, Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, High Sensitivity IgG Calibrator, Specific Protein Calibrator, Immunoglobulin Calibrators

**RIQAS:**

Specific Proteins Programme

**IgM** (Immunoturbidimetric)

Cat. No:	IM3834	3 x 20ml
	IM8045	R1 4 x 8.7ml R2 4 x 3.9ml
	IM7977	8 x 20ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 12.8-346 mg/dl

**Acusera Controls and Calibrators:**

Specific Protein Control, Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator, Immunoglobulin Calibrators

**RIQAS:**

Specific Proteins Programme

### Iron (Ferrozine)

Cat. No.: SI3821	R1 6 x 20ml R2 3 x 11ml
SI7967	R1 7 x 50ml R2 2 x 42ml
SI8049	R1 7 x 15.5ml R2 7 x 6.7ml
SI8330	R1 4 x 20ml R2 4 x 7ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +15 to +25°C
- Measuring range 2-197 µmol/l

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Iron (Ferene)

Cat. No.: SI257	2 x 100ml (S)
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- Lyophilised reagents
  - Measuring range 0.964-150 µmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control and Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Iron/UIBC (Colorimetric)

Cat. No.: SI250	200ml (S)
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- Lyophilised reagents
  - Linearity: Serum Iron 143 µmol/l, UIBC 89.4 µmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control and Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme



### L-Lactate (Colorimetric)

Cat. No.:	LC2389	16 x 6ml (S)
	LC3980	4 x 20.5ml

- Lyophilised reagents
  - Working reagent stable for 2 weeks at +15 to +25°C
  - Measuring range 0.100-19.7 mmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control and Clinical Chemistry Calibration Serum, Multi Control and Multi Calibrator

#### RIQAS:

General Clinical Chemistry Programme

### Lactate Dehydrogenase L - P (LDH) (NAD)

Cat. No.:	LD3842	R1 6 x 20ml
		R2 3 x 18ml
	LD7963	R1 7 x 100ml
		R2 3 x 100ml
	LD8052	R1 4 x 68ml
		R2 4 x 37.2ml
	LD8323	R1 4 x 15ml
		R2 4 x 8.5ml

- Liquid ready-to-use reagents
- Stable to expiry at +2 to +8°C
- Measuring range 8.8-635 U/l

#### Acusera Controls and Calibrators:

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control and Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Lactate Dehydrogenase P - L (UV)

Cat. No.:	LD401	20 x 3ml
	LD3818	R1 6 x 20ml ♣
		R2 3 x 11ml
	LD8051	R1 6 x 56ml ♣
		R2 6 x 20ml
	LD8322	R1 4 x 20ml ♣
		R2 4 x 7ml

- Liquid and lyophilised reagents available
  - Stable to expiry date at +2 to +8°C
  - Measuring range 42.3-1191 U/l
- ♣ Indicates liquid option

#### Acusera Controls and Calibrators:

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control and Clinical Chemistry Calibrator

#### RIQAS:

General Clinical Chemistry Programme

### Leucine Arylamidase (LAP) (Colorimetric)

Cat. No.: LA561      1 x 100ml

- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to +8°C

**Acusera Controls and Calibrators:**

Randox Assayed Multisera, Level 2 and Level 3

**RIQAS:**

General Clinical Chemistry Programme

### Lipase (Colorimetric)

Cat. No.: LI3837	R1 3 x 9ml
	R2 3 x 6ml
LI7979	R1 6 x 20ml
	R2 3 x 20ml
LI8050	R1 4 x 16.2ml
	R2 4 x 10ml
LI8361	R1 4 x 20ml ♠
	R2 4 x 11.2ml

- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to +8°C
- Measuring range 2-744 U/l

**Acusera Controls and Calibrators:**

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry, Premium Plus Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control and Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

### Lipase (UV/Turbidimetric)

Cat. No.: LI188	20 x 2.5ml (S)
LI194	4 x 30ml (S)

- Lyophilised reagents
- Measuring range 24.5-940 U/l
- Working reagent stable for 2 weeks at +2 to +8°C (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control and Clinical Chemistry Calibrator

**RIQAS:**

General Clinical Chemistry Programme

### Lipoprotein (a) (Immunoturbidimetric)

Cat. No:	LP2757	R1 1 x 30ml R2 1 x 15ml
	LP3403	R1 1 x 10ml R2 1 x 6ml
	LP8054	R1 2 x 8.7ml R2 2 x 5.8ml
	LP8324	R1 1 x 10ml R2 1 x 6.5ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 3-90 mg/dl

#### Acusera Controls and Calibrators:

Liquid Lipid Control, Lipoprotein (a) Control, Lipid Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Lipoprotein (a) Calibrator

#### RIQAS:

Lipid Programme

### Lithium (Colorimetric)

Cat. No:	LM4005	R1 2 x 18.3ml R2 2 x 6.5ml
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- Liquid ready-to-use reagents
- Measuring range 0.218-3 mmol/l
- Stable to expiry date at +2 to +8°C

#### Acusera Controls and Calibrators:

Therapeutic Drug Control, Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

Therapeutic Drugs Programme

### Magnesium (Xylidyl Blue)

Cat. No.:	MG531	3 x 100ml
	MG3880	6 x 20ml
	MG8055	R1 7 x 15ml R2 7 x 15ml
	MG8137 (RX modena)	R1 4 X 20ml
	MG8326	2 x 16.5ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.036-3.27 mmol/l in serum and 0.199-21.4mmol/l in urine

#### Acusera Controls and Calibrators:

Assayed Urine Chemistry Control, Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Unassayed Urine Chemistry, Liquid Urine Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

### Methadone

(Homogeneous Enzyme Immunoassay)

Cat. No: DA4016      R1 2 x 16.9ml  
R2 2 x 8ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C

**Acusera Controls and Calibrators:**  
Multidrug control, Multidrug calibrator

**RIQAS:**  
Urine Toxicology Programme

### Methamphetamine

(Homogeneous Enzyme Immunoassay)

Cat. No: DA4007      R1 2 x 16.9ml  
R2 2 x 8ml

- Liquid ready-to-use reagents
- Open vial stability: 28 days at approximately +10°C, on board the analyser

**Acusera Controls and Calibrators:**  
Multidrug control, Multidrug calibrator

**RIQAS:**  
Urine Toxicology Programme

### Microalbumin (Immunoturbidimetric)

Cat. No: MA2423	R1 3 x 100ml (C) R2 5 x 7ml
MA2426	R1 1 x 60ml (C) R2 1 x 7ml
MA3828	R1 6 x 20ml R2 3 x 8ml
MA8056	R1 2 x 20ml R2 2 x 6.6ml (Peg Enhanced Immunoturbidimetric)
MA8325	R1 1 x 20ml R2 1 x 4.6ml (Peg Enhanced Immunoturbidimetric)

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 5.1 l-234 mg/l  
(C) Indicates calibrator included in kit

**Acusera Controls and Calibrators:**  
Microalbumin Control and Calibrator Series, Assayed Urine Chemistry and Liquid Urine Control

**RIQAS:**  
Human Urine Programme

**Myoglobin** (Latex Enhanced Immunoturbidimetric)

Cat. No: MY2127      R1 1 x 9.5ml  
R2 1 x 4.5ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 20.1–725 ng/ml

**Acusera Controls and Calibrators:**

Liquid Cardiac Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Myoglobin Calibrator Series

**RIQAS:**

Cardiac Programme

**NEFA** (Non-Esterified Fatty Acids) (Colorimetric)

Cat. No: FA115      R1 3 x 10ml (C)  
R2 3 x 20ml

- Lyophilised reagents
- Working reagent stable for 5 days at +2 to +8°C
- Measuring range 0.072-2.24 mmol/l  
(C) Indicates calibrator included in kit

**Acusera Controls and Calibrators:**

Assayed Premium Plus Control, Precision Chemistry Premium Plus Control

**RIQAS:**

General Clinical Chemistry Programme

**Opiates**

(Homogeneous Enzyme Immunoassay)

Cat. No: DA4012      R1 2 x 16.9ml  
R2 2 x 8ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C. Once opened the reagent is stable on board the analyser for 28 days at approximately +10°C

**Acusera Controls and Calibrators:**

Multidrug Control, Multidrug calibrator

**RIQAS:**

Urine Toxicology Programme

**Phenobarbital**

(Latex Enhanced Immunoturbidimetric)

Cat. No: TD3408      R1 2 x 17ml  
R2 2 x 6ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.55-8.77 µg/ml

**Acusera Controls and Calibrators:**

Therapeutic Drug Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium, Immunoassay Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Therapeutic Drug Calibrator

**RIQAS:**

Therapeutic Drugs Programme

**Phenytoin (Latex Enhanced Immunoturbidimetric)**

Cat. No: TD3409 R1 2 x 17ml  
R2 2 x 6ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 2.9-44.5 µg/ml

**Acusera Controls and Calibrators:**

Therapeutic Drug Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium, Liquid Immunoassay Premium, Immunoassay Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Therapeutic Drug Calibrator

**RIQAS:**

Therapeutic Drugs Programme

**Phosphorus (Inorganic)(UV)**

Cat. No.: PH1016 300ml (S)  
PH3820 R1 6 x 20ml  
R2 3 x 20ml  
PH3872 6 x 20ml  
PH7965 R1 6 x 50ml  
R2 3 x 50ml  
PH8048 R1 6 x 68ml  
R2 6 x 40.3ml  
PH8328 R1 4 x 12.7ml  
R2 4 x 7.1ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +15 to +25 °C
- Measuring range 0.065-10 mmol/l in serum / plasma (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Urine, Assayed Urine Chemistry, Unassayed Urine Chemistry and Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Potassium (UV)**

Cat. No.: PT3852 R1 3 x 20ml  
R2 3 x 9ml  
PT7168 R1 4 x 50ml (S)  
R2 2 x 43ml  
PT8329 R1 4 x 10ml  
R2 4 x 6ml

- Lyophilised reagents
- Working reagent stable for 7 days at +2 to +8°C
- Measuring range 0.8-10 mmol/l (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Assayed Urine Chemistry Control, Unassayed Urine Chemistry Control, Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Pregnancy Test (Latex Direct)**

Cat. No.: PG2735 100T (Glass Slide)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8 °C
- Excellent sensitivity -200 mIU/ml

**Pregnancy Test (Immunoassay)**Cat. No.: PG2370 25T (Rapid)(Dipstick Membrane)  
PG2942 30T (Rapid)

- Measuring range 25–2,000,000mIU/ml hCG
- Stable to expiry when stored sealed at +2 to +30°C
- Excellent sensitivity –25 mIU/ml

**Rheumatoid Factor**

(Latex Enhanced Immunoturbidimetric)

Cat. No:	RF3836	R1 2 x 20ml R2 2 x 8ml
	RF7980	R1 2 x 15ml R2 1 x 10ml
	RF1436	100 T (Disposable latex slide test)
	RF2716	100 T (Glass latex slide test)
	RF8063	R1 2 x 8.7ml R2 2 x 4.7ml
	RF8345	R1 1 x 11.7ml R2 1 x 5.7ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 6.72-104 IU/ml

**Acusera Controls and Calibrators:**

Specific Protein Control and Rheumatoid Factor Calibrator Series

**RIQAS:**

Specific Proteins Programme

**Salicylate (Aspirin) (Enzymatic)**Cat. No: SAL4024 R1 2 x 11ml  
R2 2 x 3.8ml (C)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C and onboard stability of 28 days at approximately +10°C
- Measuring range 24.8-1079 mg/L
- (C) Indicates calibrator included in kit

**Acusera Controls and Calibrators:**

Therapeutic Drug Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium, Immunoassay Premium Plus, Liquid Immunoassay Premium, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus,

**RIQAS:**

Therapeutic Drugs Programme

**Sodium (Enzymatic)**

<p>Cat. No.: NA3851</p> <p>NA7167</p> <p>NA8327</p>	<p>R1 3 x 20ml</p> <p>R2 3 x 9ml</p> <p>R1 4 x 45ml (S)</p> <p>R2 2 x 39ml</p> <p>R1 4 x 10ml</p> <p>R2 4 x 6ml</p>
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- Lyophilised reagents
  - Working reagent stable for 2 weeks at +2 to +8 °C or 5 days at +15 to +25°C
  - Measuring range 37.3–187.8 mmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Urine Control, Liquid Assayed Chemistry Premium Control, Liquid Assayed Chemistry Premium Plus Control, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Soluble Transferrin Receptor (STFR)**  
(Latex Enhanced Immunoturbidimetric)

<p>Cat. No: TF10159</p>	<p>R1 1 x 9ml</p> <p>R2 1 x 5.8ml</p>
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- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to 8°C.
- Measuring Range 0.50 - 11.77 mg/L

**Acusera Controls and Calibrators:**

STFR control and STFR calibrator

**Superoxide Dismutase (Ransod)(Colorimetric)**

<p>Cat. No: SD125</p>	<p>5 x 20ml (S)</p>
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- Lyophilised reagents
  - Working reagent stable for 10 days when stored at +2 to +8°C
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Superoxide Dismutase (Ransod) Control



### Syphilis (Rapid Plasma Reagin (RPR))

Cat. No.: SY1478      100T (Card Test)  
 SY1479      500T (Card Test)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Qualitative or quantitative results

**RIQAS:**  
 Serology (Syphilis) Programme

### Syphilis (TPHA) (Indirect Haemagglutination)

Cat. No.: SY1480      100T  
 SY1481      200T

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Qualitative or quantitative results

**RIQAS:**  
 Serology (Syphilis) Programme

### Total Iron Binding Capacity (Colorimetric)

Cat. No: T11010      R1 1 x 100ml  
                                  R2 2 x 10g  
 T14064              R1 4 x 9ml  
                                  R2 4 x 4ml  
 T18065              R1 4 x 8.7ml  
                                  R2 4 x 4.9ml  
 T18375              R1 4 x 10ml  
                                  R2 4 x 5.1ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 57.7-672 µg/dl

**Acusera Controls and Calibrators:**  
 Liquid Chemistry Premium Control, Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Chemistry Premium Plus (Assayed & Precision) Controls, Liquid Assayed Chemistry Premium Controls, Liquid Assayed Chemistry Premium Plus Controls, Clinical Chemistry Calibration Serum

**RIQAS:**  
 General Clinical Chemistry Programme

### Total Antioxidant Status (TAS) (Colorimetric)

Cat. No: NX2332      5 x 10ml (S)

- Lyophilised reagents
  - Working reagent stable for 2 days at +2 to +8°C or 8 hours at +15 to +25°C
  - Measuring range 0.21 – 2.94 mmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**  
 Total Antioxidant Status Control, Total Antioxidant Status Standard

**Total Protein (Biuret)**

Cat. No.:	TP245	2 x 500ml (S)
	TP3869	9 x 51ml
	TP4001	R1 4 x 51ml R2 4 x 44ml
	TP7970	R1 4 x 50ml R2 5 x 50ml
	TP8066	R1 4 x 68ml R2 4 x 68ml
	TP8336	R1 4 x 20ml R2 4 x 17ml

- Liquid reagents
  - Stable to expiry at +15 to +25°C
  - Measuring range 2.45-150 g/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Chemistry Premium, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

**Transferrin (Immunoturbidimetric)**

Cat. No.:	TF7197	R1 6 x 20ml R2 2 x 15ml
	TF3831	R1 6 x 20ml R2 3 x 14ml
	TF8068	R1 4 x 8.7ml R2 4 x 4.4ml

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 7.60-550 mg/dl

**Acusera Controls and Calibrators:**

Specific Protein Control and Specific Protein Calibrator, Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus,

**RIQAS:**

Specific Proteins Programme

**Transthyretin (Prealbumin) (Immunoturbidimetric)**

Cat. No.:	PA3843	R1 6 x 20ml R2 3 x 11ml
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- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Once opened stable on board the analyser for 28 days, when stored at approximately +10°C
- Measuring range 2.3–65 mg/dl

**Acusera Controls and Calibrators:**

Specific Protein Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Specific Protein Calibrator

**RIQAS:**

Specific Proteins Programme

## Triglycerides (GPO-PAP)

Cat. No:	TR210	6 x 15ml (S)
	TR212	5 x 100ml (S)
	TR213	10 x 50ml (S)
	TR1697	400 T (S)
	TR3823	6 x 51ml
	TR7971	6 x 50ml
	TR9728	12 x 66ml ♦
	TR8067	4 x 58ml
	TR9780	4 x 58ml
	TR8332	4 x 20ml ♦
	TR8147	8 x 20ml ♦

- Liquid and lyophilised reagents available
- Working reagent stable for 21 days at +2 to +8°C or 3 days at +15 to +25°C
- Measuring range 0.1-13.4 mmol/l
- ♦ Indicates liquid option
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

### Acusera Controls and Calibrators:

Liquid Lipid Control, Lipid Control, Chemistry Premium, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Assayed Chemistry Premium Plus, Precision Chemistry Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

### RIQAS:

Lipid Programme

## TxB Cardio (Latex Enhanced Immunturbidimetric)

Cat.No:	TBX2759	R1 1 x 9ml
		R2 1 x 4.7ml

- Liquid ready-to-use reagents
- Stable to the expiry date when stored at +2 to +8°C
- Measuring range 400-6000 pg/ml

### Acusera Controls and Calibrators:

TxB Cardio Controls and TxB Cardio Calibrator

## Urea (Kinetic)

Cat.No:	UR220	6 x 15ml (S) (3 minute read)
	UR221	10 x 50ml (S) (3 minute read)
	UR446	10 x 50ml (S) (1 minute read)
	UR456	6 x 15ml (S)
		(1 minute read, High Sensitivity)
	UR457	10 x 50ml (S)
		(1 minute read, High Sensitivity)
	UR3873	6 x 21ml ♦
	UR8070	R1 6 x 56ml ♦
		R2 6 x 20ml
	UR8334	R1 4 x 20ml ♦
		R2 4 x 7ml

- Liquid and lyophilised reagents available
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.866-56.7 mmol/l in serum / plasma
- ♦ Indicates liquid option
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

### Acusera Controls and Calibrators:

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Urine Control, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

### RIQAS:

General Clinical Chemistry Programme

### Urea (Berthelot)

Cat. No.:	UR107	5 x 100ml (S)
	UR1068	170ml (manual only) (S)

- Liquid ready-to-use reagents
- Working reagent stable for 1 month at +2 to +8°C
- Measuring range 1.59–40 mmol/l in serum / plasma (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Urine Control, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibrator

#### RIQAS:

General Clinical Chemistry Programme

### Urea (Enzymatic Kinetic)

Cat. No.:	UR3825	R1 6 x 51ml
		R2 4 x 20ml
	UR7975	R1 5 x 50ml
		R2 4 x 45ml
	UR7976	R1 5 x 100ml
		R2 5 x 60ml
	UR9729	R1 6 x 66ml
		R2 6 x 43ml
	UR9781	R1 6 x 68ml
		R2 6 x 44ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.510-50.5 mmol/l in serum/ plasma

#### Acusera Controls and Calibrators:

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Urine Control, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibrator

#### RIQAS:

General Clinical Chemistry Programme

### Uric Acid (Enzymatic Colorimetric)

Cat. No.:	UA230	6 x 15ml (S)
	UA233	10 x 50ml (S)
	UA1613	4 x 100ml (S) ♣
	UA3824	R1 6 x 51ml ♣
		R2 4 x 20ml
	UA3870	9 x 51ml ♣
	UA7972	R1 6 x 50ml ♣
		R2 4 x 18ml
	UA8069	R1 6 x 56ml ♣
		R2 6 x 20ml
	UA8333	R1 4 x 20ml ♣
		R2 4 x 7ml

- Liquid and lyophilised reagents available
- Stable to expiry date when stored unopened protected from light
- Measuring range 20.8-1376 µmol/l in serum
- ♣ Indicates liquid option
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

#### Acusera Controls and Calibrators:

Chemistry Premium Control, Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Urine Control, Assayed Urine Chemistry, Unassayed Urine Chemistry, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

#### RIQAS:

General Clinical Chemistry Programme

**Urinary Protein (Colorimetric)**

Cat. No.: UP1570	3 x 100ml (S)
UP1571	6 x 100ml (S)
UP8113	4 x 20ml (S)

- Liquid ready-to-use reagents
  - Stable to expiry when stored at +15 to +25°C
  - Measuring range 0.022-2.14 g/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Assayed Urine Control, Urine Precision Control, Liquid Urine Control

**RIQAS:**

Human Urine Programme

**Valproic Acid (Latex Enhanced Immunoturbidimetric)**

Cat. No.: TD3414	R1 2 x 12ml
	R2 2 x 5ml

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 11.3-159 µg/ml

**Acusera Controls and Calibrators:**

Therapeutic Drug Control, Liquid Chemistry Premium, Liquid Chemistry Premium Plus, Precision Chemistry Premium Plus, Immunoassay Premium, Liquid Immunoassay Premium, Immunoassay Premium Plus, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Therapeutic Drug Calibrator

**RIQAS:**

Therapeutic Drugs Programme

**Zinc (Colorimetric)**

Cat. No.: ZN2341	R1 1 x 50ml (S)
	R2 1 x 250ml
	(with Deproteinisation)
ZN2607	6 x 50ml
	(Deproteinising Solution)

- Liquid ready-to-use reagents
  - Stable to expiry when stored at +15 to +25°C
  - Measuring range 11.3-159 µmol/l
- (S) Indicates standard included in kit, and is for manual and semi-automated use only.

**Acusera Controls and Calibrators:**

Liquid Chemistry Premium Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium, Liquid Assayed Chemistry Premium Plus, Clinical Chemistry Calibration Serum

**RIQAS:**

General Clinical Chemistry Programme

# RANDOX CATALOGUE CODES

Randox uses a series of characters and numbers to create unique product codes. These easy to read codes allow you to assess which product will be suitable for your laboratory.



## How to read Randox Catalogue Codes

**Digits 1 – 2** Sequence of 2 letters which identify the specific analyte of interest

E.g. : **BR**3807    **BR** : Bilirubin  
          **CA**7941    **CA** : Calcium

**Digits 3 – 6** A unique combination of 3 or 4 numbers that characterise kit format

E.g. : **BR3807**: 38  
Barcoded Easy Read bottles for  
RX daytona/RX imola

**CA7941**: 79  
Barcoded Easy Read bottles for  
Hitachi 911/912

Randox supplies a range of catalogue codes to suit every laboratory's need:

### General Catalogue Codes

These cover a range of requirements from manual use to use on multiple semi automated and automated analysers.

### Easy Read Catalogue Codes

These codes apply to Randox reagents that have bottles that are barcoded for use on specific analysers.

### Easy Fit Catalogue Codes

These codes apply to Randox reagents that have bottle sizes to fit channels of different analysers.

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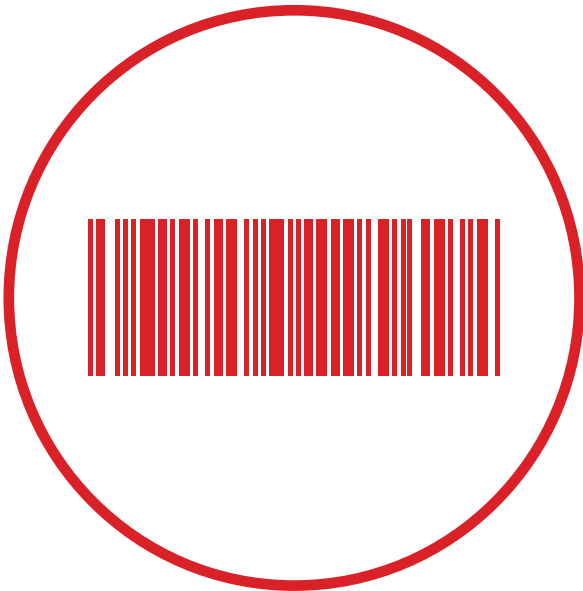
## Freedom of choice from an independent manufacturer

Visit [www.randox.com/powerline](http://www.randox.com/powerline) to access instructions for use (IFU) and details of recommended catalogue codes for your requirements (manual/semi-automated/fully automated analysers).

**Please note: For reagents used on automated analysers, a calibrator will be required.  
These are available from Randox.**

## Randox Easy Read reagents

In order to make testing within your laboratory easier, Randox offers a range of clinical chemistry reagents with dedicated barcodes that are optimised for use on a range of specific clinical analysers.



- All reagents are presented in bottles that fit directly onto the analyser
- Reagents include barcodes that enable the analyser to read automatically
- Simple process saves time and improves laboratory efficiency
- Offers you freedom of choice from an independent manufacturer

### Analysers include:

#### Hitachi 911 / 912 analysers

Catalogue codes with 3rd and 4th digits starting with **71/79**  
E.g.: IG**71**58, AP**79**27

#### Hitachi 917 / Modular P analysers

Catalogue codes with 3rd and 4th digits starting with **97**  
E.g.: AY**97**07, TR**97**28

#### Randox RX daytona / RX imola analysers

Catalogue codes with 3rd and 4th digits starting with **38/39/40**  
E.g.: AB**38**00, AM**39**79

#### Randox RX suzuka and modena analysers

Catalogue codes with 3rd and 4th digits starting with **80/81**  
E.g.: IG**80**44, AM**81**12

#### Randox RX daytona plus / RX monaco analysers

Catalogue codes with 3rd and 4th digits starting with **83**  
E.g.: CL**83**14, NA**83**27

### Randox Easy Read reagents are simple to use:

**Step 1:** Load your Easy Read reagent onto the clinical analyser.

**Step 2:** As all necessary settings are encoded on the barcode, the analyser software will read and store the settings as provided.

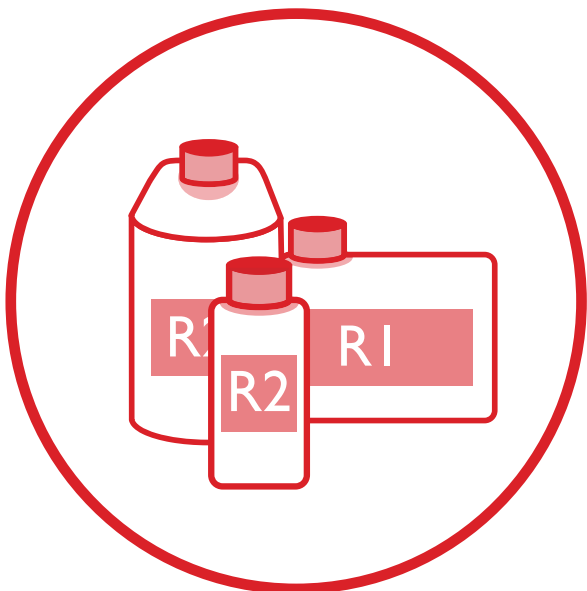
## Randox Easy Read reagents ensure Efficiency, Flexibility and Ease of Use

Visit [www.randox.com/powerline](http://www.randox.com/powerline) to access Instructions for Use (IFU) and details of recommended catalogue codes for your requirements (manual/semi-automated/fully automated analysers).

\*Randox recommends that all users refer to the instructions for use / instrument specific applications before proceeding.

## Randox Easy Fit reagents

We are dedicated to providing reagents that fit perfectly with your laboratory needs. In addition to providing an extensive test menu of the highest quality reagents, we also ensure flexibility, convenience and ease of use with our Easy Fit reagent bottles.



- We offer a range of reagents that are optimised for use on an extensive range of clinical chemistry analysers
- All reagents are presented in bottles which fit easily onto your analyser avoiding the need to pour reagents into dedicated bottles
- Easy Fit reagents offer increased accuracy and reliability
- A wide range of validated analyser applications ensure ease of programming and confidence in results
- A simple 2 step process allows you to actively run Randox Reagents on your clinical chemistry analyser

### Randox Easy Fit reagents are suitable for a range of clinical chemistry analysers, including:

#### Beckman Coulter AU systems:

Catalogue codes with 3rd & 4th digits starting with **80/81/83/97** E.g.: AP9764

#### Abbott Architect C/ Aeroset clinical systems:

Catalogue codes with 3rd & 4th digits starting with **80/81/83/97/38/39/40/71/79** E.g.: TP8066, TR9728

#### Hitachi 917 / Modular P systems:

Catalogue codes with 3rd & 4th digits starting with **80/81/83** E.g.: CH8019, CP8028

#### Hitachi 704 /911 /912/902/ 717 systems:

Catalogue codes with 3rd & 4th digits starting with **38 /39 /40/ 71 /79** E.g. NA7167, AL7904

A range of clinical chemistry analysers on which Randox Easy Fit Reagents can be used are presented above. If your analyser is not listed here please visit [www.randox.com/powerline](http://www.randox.com/powerline) for more information.

### Simple 2 step process

**Step 1:** Place your Randox reagent onto the chosen channel of your clinical chemistry analyser.

**Step 2:** Using the Instrument Specific Application (ISA), programme the settings into your machine software.

Your analyser is ready to run

To access your Instrument Specific Applications (ISA) please visit [www.randox.com/powerline](http://www.randox.com/powerline).

## Randox Easy Fit reagents offer Choice, Convenience, Performance

\*Randox recommends that all users refer to the instructions for use / instrument specific applications before proceeding.



# ANALYSER APPLICATIONS

■ Analytes in green indicate Easy Read reagents

■ Analytes in red indicate Easy Fit reagents

## ABBOTT AEROSET/ ARCHITECT C

Acetaminophen  
Acid Phosphatase  
Albumin  
Aldolase  
Alkaline Phosphatase  
Alpha-I -Acid Glycoprotein  
Alpha-I -Antitrypsin  
ALT  
Ammonia  
Amylase  
Amylase (Pancreatic)  
Apolipoprotein A-I  
Apolipoprotein A-II  
Apolipoprotein B  
Apolipoprotein C-II  
Apolipoprotein C-III  
Apolipoprotein E  
ASO  
AST  
 $\beta_2$  Microglobulin  
Barbiturate  
Benzodiazepines  
Bile Acids  
Bilirubin  
Calcium  
Cannabinoids  
Carbamazepine  
Chloride  
Cholesterol  
Cholinesterase  
CK-MB  
CK-NAC  
CO<sub>2</sub> Total  
Cocaine  
Complement C3  
Complement C4  
Copper  
Creatinine  
CRP  
Canine CRP  
Cystatin C  
D-3 Hydroxybutyrate (Ranbut)  
Digoxin  
Ecstasy  
EDDP  
Ethanol  
Ferritin

Fructosamine  
G-6-PDH  
Gamma GT  
Gentamicin  
Glucose  
GLDH  
Glutathione Peroxidase (Ransel)  
Glutathione Reductase  
Haptoglobin  
HbA1c  
HDL Cholesterol  
H-FABP  
Homocysteine  
IgA  
IgE  
IgG  
IgM  
Iron  
Iron/UIBC  
L-Lactate  
Leucine Arylamidase (LAP)  
LD (Lactate – Pyruvate)  
LD (Pyruvate – Lactate)  
LDL Cholesterol  
Lipase  
Lipoprotein (a)  
Lithium  
Magnesium  
Methadone  
Methamphetamine  
Microalbumin  
Myoglobin  
NEFA  
Opiates  
Phenobarbital  
Phenytoin  
Phosphorus  
Potassium  
Rheumatoid Factor (RF)  
Salicylate  
sLDL Cholesterol  
Sodium  
Superoxide Dismutase (Ransod)  
TxBCardio  
Total Antioxidant Status (TAS)  
Total Iron Binding Capacity (TIBC)  
Total Protein  
Transferrin  
Transthyretin (Prealbumin)  
Triglycerides  
Urea

Uric Acid  
Urinary Protein  
Valproic Acid  
Zinc

## BECKMAN SYNCHRON CX4/5/7/9/LX20/DXC

Acetic Acid  
Acid Phosphatase  
Albumin  
Alkaline Phosphatase  
Alpha-I Acid Glycoprotein  
Alpha-I Antitrypsin  
ALT  
Amphetamine  
Amylase  
Amylase (Pancreatic)  
Apolipoprotein A-I  
Apolipoprotein A-II  
Apolipoprotein B  
Apolipoprotein C-II  
Apolipoprotein C-III  
Apolipoprotein E  
ASO  
AST  
Benzodiazepines  
Bile Acids  
Bilirubin  
Calcium  
Cannabinoids  
Chloride  
Cholesterol  
Cholinesterase  
CK-MB  
CK-NAC  
Cocaine  
Complement C3  
Complement C4  
Creatinine  
CRP  
Canine CRP  
Cystatin C  
D-3 Hydroxybutyrate (Ranbut)  
Ethanol  
Ferritin  
Fructosamine  
G-6-PDH  
Gamma GT

GLDH  
Glucose  
Glucose / Fructose  
Glutathione Peroxidase (Ransel)  
Glutathione Reductase  
Glycerol  
HDL Cholesterol  
Homocysteine  
IgA  
IgE  
IgG  
IgM  
Iron  
Iron/UIBC  
L-Lactate  
LD (Lactate – Pyruvate)  
LD (Pyruvate – Lactate)  
LDL Cholesterol  
Lipase  
Lipoprotein (a)  
Lithium  
Magnesium  
Malic Acid  
Methamphetamine  
Microalbumin  
Myoglobin  
NEFA  
Phosphorus  
Potassium  
Rheumatoid Factor (RF)  
Salicylate  
sLDL Cholesterol  
Sodium  
Total Iron Binding Capacity (TIBC)  
Total Protein  
Transferrin  
Transthyretin (Prealbumin)  
Triglycerides  
Urea  
Uric Acid  
Urinary Protein  
Zinc

## BIOLIS 24I/ PRESTIGE 24I

Albumin  
Aldolase  
Alkaline Phosphatase  
ALT (GPT)  
Ammonia

If your analyser is not listed here please visit [www.randox.com/powerline](http://www.randox.com/powerline) or contact [applications@randox.com](mailto:applications@randox.com)

Exceptions apply. Please contact your local Randox representative for confirmation.

■ Analytes in green indicate Easy Read reagents

■ Analytes in red indicate Easy Fit reagents

Amylase  
 Apolipoprotein A-I  
 Apolipoprotein B  
 ASO  
 AST (GOT)  
 $\beta_2$  Microglobulin  
 Barbiturates  
 Benzodiazepines  
 Bile Acids  
 Bilirubin  
 Calcium  
 Canine CRP  
 Cannabinoids  
 Carbamazepine  
 Chloride  
 Cholesterol  
 CK-MB  
 CK-NAC  
 CO<sub>2</sub> Total  
 Cocaine  
 Complement 3  
 Complement 4  
 Creatinine  
 CRP  
 D-3 Hydroxybutyrate (Ranbut)  
 Digoxin  
 Ecstasy  
 Ethanol  
 H-FABP  
 Ferritin  
 Fructosamine  
 Gamma GT  
 GLDH  
 Glucose  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Haemoglobin  
 HDL Cholesterol  
 Homocysteine  
 IgA  
 IgE  
 IgG  
 IgM  
 Iron  
 Iron / UIBC  
 LD (Lactate Dehydrogenase)  
 LDL Cholesterol  
 Lipase  
 Lipoprotein (a)  
 Lithium  
 Magnesium  
 Methadone  
 Methamphetamine  
 NEFA  
 Opiates  
 Pancreatic Amylase  
 Phosphorus (Inorganic)  
 Potassium  
 Rheumatoid Factor

sLDL  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Total Antioxidant Status  
 Total Iron Binding Capacity  
 Total Protein  
 Transferrin  
 Triglycerides  
 Urea  
 Uric Acid  
 Valproic Acid  
 Zinc

## COBAS 4000/6000/8000

Acid Phosphatase  
 Acetaminophen  
 Adiponectin  
 Albumin  
 Aldolase  
 Alkaline Phosphatase  
 Alpha-I Acid Glycoprotein  
 Alpha-I -Antitrypsin  
 ALT  
 Ammonia  
 Apolipoprotein A-I  
 Apolipoprotein B  
 Apolipoprotein C-II  
 Apolipoprotein C-III  
 Apolipoprotein E  
 AST  
 $\beta_2$  Microglobulin  
 Barbiturates  
 Benzodiazepines  
 Bile Acids  
 Bilirubin  
 Calcium  
 Cannabinoids  
 Carbamazepine  
 Ceruloplasmin  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CO<sub>2</sub> Total  
 Cocaine  
 Copper  
 Creatinine  
 CRP  
 Canine CRP  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Ecstasy  
 Ethanol  
 Ferritin  
 Fructosamine  
 G-6-PDH  
 Gamma GT

Gentamicin  
 GLDH  
 Glucose  
 Glutamate  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Glycerol  
 Haptoglobin  
 HbA1c  
 HDL Cholesterol  
 Homocysteine  
 H-FABP  
 Homocysteine  
 IgA  
 IgE  
 IgG  
 IgM  
 Iron/UIBC  
 L-Lactate  
 LD (Pyruvate-Lactate)  
 LDL Cholesterol  
 Leucine Arylamidase (LAP)  
 Lipase  
 Lipoprotein (a)  
 Lithium  
 Magnesium  
 Methadone  
 Methamphetamine  
 Microalbumin  
 NEFA  
 Opiates  
 Potassium  
 Rheumatoid Factor  
 sLDL Cholesterol  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Thromboxane  
 Total Antioxidant Status (TAS)  
 Total Iron Binding Capacity (TIBC)  
 Total Protein  
 Transferrin  
 Transthyretin (Prelbumin)  
 Triglycerides  
 Urea  
 Uric Acid  
 Urinary Protein  
 Zinc

## COBAS INTEGRA 400/800

Aldolase  
 Ammonia  
 Apolipoprotein A-I  
 Apolipoprotein A-II  
 Apolipoprotein B  
 Apolipoprotein C-I  
 Apolipoprotein C-II  
 Apolipoprotein C-III  
 Apo E  
 AST  
 $\beta_2$  Microglobulin  
 Bile Acids  
 Bilirubin  
 Calcium

$\beta_2$  Microglobulin  
 Bile Acids  
 Canine CRP  
 Chloride  
 CK-MB  
 Copper  
 CRP  
 CRP (Full Range)  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Ferritin  
 Fructosamine  
 G-6-PDH  
 GLDH  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 IgE  
 H-FABP  
 HDL Cholesterol  
 LDL Cholesterol  
 Lipoprotein (a)  
 Lithium  
 Microalbumin  
 NEFA  
 Potassium  
 sLDL Cholesterol  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Thromboxane  
 Total Antioxidant Status (TAS)  
 Transthyretin (Prelbumin)  
 Zinc

## HITACHI 717/911/912

Acetic Acid  
 Acid Phosphatase  
 Albumin  
 Aldolase  
 Alkaline Phosphatase  
 Alpha-I Acid Glycoprotein  
 Alpha-I Antitrypsin  
 ALT  
 Ammonia  
 Amylase  
 Amylase (Pancreatic)  
 Apolipoprotein A-I  
 Apolipoprotein A-II  
 Apolipoprotein B  
 Apolipoprotein C-II  
 Apolipoprotein C-III  
 ASO  
 Apo E  
 AST  
 $\beta_2$  Microglobulin  
 Bile Acids  
 Bilirubin  
 Calcium

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Carbamazepine  
 Ceruloplasmin  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CK-NAC  
 CO<sub>2</sub> Total  
 Complement C3  
 Complement C4  
 Creatinine  
 CRP  
 Canine CRP  
 CRP Full Range  
 CRP High Sensitivity  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Digoxin  
 Ethanol  
 Ferritin  
 Fructosamine  
 G-6-PDH  
 Gamma GT  
 Gentamicin  
 GLDH  
 Glucose  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Glycerol  
 Haptoglobin  
 HbA1c  
 HDL Cholesterol  
 IgA  
 IgE  
 IgG  
 IgM  
 Iron/UIBC  
 L-Lactate  
 LD (Lactate – Pyruvate)  
 LDL Cholesterol  
 Leucine Arylamidase (LAP)  
 Lipase  
 Lipoprotein (a)  
 Lithium  
 Magnesium  
 Malic Acid  
 Microalbumin  
 Myoglobin  
 NEFA  
 Phenobarbital  
 Phenytoin  
 Phosphorus  
 Potassium  
 Rheumatoid Factor (RF)  
 Salicylate  
 sLDL Cholesterol  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Total Antioxidant Status (TAS)

Total Iron Binding Capacity (TIBC)  
 Total Protein  
 Transferrin  
 Transthyretin (Prealbumin)  
 Triglycerides  
 Urea  
 Uric Acid  
 Urinary Protein  
 Valproic Acid  
 Zinc

• Please note: The Hitachi 717 analyser does not have a barcode reading facility therefore Easy Read kits for this analyser will require the necessary ISA

### HITACHI 917 / MODULAR P

Acetaminophen  
 Acetic Acid  
 Acid Phosphatase  
 Albumin  
 Aldolase  
 Alkaline Phosphatase  
 Alpha-I Acid Glycoprotein  
 Alpha-I Antitrypsin  
 ALT  
 Ammonia  
 Amylase  
 Apolipoprotein A-I  
 Apolipoprotein A-II  
 Apolipoprotein B  
 Apolipoprotein C-II  
 Apolipoprotein C-III  
 Apolipoprotein E  
 ASO  
 AST  
 β<sub>2</sub> Microglobulin  
 Barbiturate  
 Benzodiazepines  
 Bile Acids  
 Bilirubin  
 Calcium  
 Cannabinoids  
 Carbamazepine  
 Ceruloplasmin  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CK-NAC  
 CO<sub>2</sub> Total  
 Cocaine  
 Complement C3  
 Complement C4  
 Copper  
 Creatinine

CRP  
 Canine CRP  
 CRP Full Range  
 CRP High Sensitivity  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Digoxin  
 Ecstasy  
 EDDP  
 Ethanol  
 Ferritin  
 Fructosamine  
 G-6-PDH  
 Gamma GT  
 Gentamicin  
 GLDH  
 Glucose  
 Glucose / Fructose  
 Glutamate  
 Glutamine  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Glycerol  
 Haptoglobin  
 HbA1c  
 HDL Cholesterol  
 H-FABP  
 Homocysteine  
 IgA  
 IgE  
 IgG  
 IgM  
 Iron  
 Iron/UIBC  
 L-Lactate  
 LD (Lactate – Pyruvate)  
 LD (Pyruvate – Lactate)  
 LDL Cholesterol  
 Leucine Arylamidase (LAP)  
 Lipase  
 Lipoprotein (a)  
 Lithium  
 Magnesium  
 Methadone  
 Methamphetamine  
 Microalbumin  
 Myoglobin  
 NEFA  
 Opiates  
 Phenobarbital  
 Phenytoin  
 Phosphorus  
 Potassium  
 Rheumatoid Factor (RF)  
 Salicylate  
 sLDL Cholesterol  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Total Antioxidant Status (TAS)

Total Iron Binding Capacity (TIBC)  
 Total Protein  
 Transferrin  
 Transthyretin (Prealbumin)  
 Triglycerides  
 Urea  
 Uric Acid  
 Urinary Protein  
 Valproic Acid  
 Zinc

### MINDRAY BS SERIES

Acid Phosphatase  
 Adiponectin  
 Albumin  
 Aldolase  
 Alkaline Phosphatase  
 ALT  
 Ammonia  
 Amylase  
 Apolipoprotein A-I  
 Apolipoprotein B  
 ASO  
 AST  
 β<sub>2</sub> Microglobulin  
 Barbiturate  
 Benzodiazepines  
 Bile Acids  
 Bilirubin  
 Calcium  
 Ceruloplasmin  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CK-NAC  
 CO<sub>2</sub> Total  
 Cocaine  
 Complement C3  
 Complement C4  
 Copper  
 Creatinine  
 CRP  
 Canine CRP  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Ecstasy  
 EDDP  
 Ethanol  
 Ferritin  
 Fructosamine  
 G-6-PDH  
 Gamma GT  
 GLDH  
 Glucose  
 Glutathione Peroxidase (Ransel)  
 Haptoglobin

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Exceptions apply. Please contact your local Randox representative for confirmation.

Analytes in green indicate Easy Read reagents

Analytes in red indicate Easy Fit reagents

HbA1c  
HDL Cholesterol  
H-FABP  
Homocysteine  
IgA  
IgE  
IgG  
IgM  
Iron  
Iron/UIBC  
L-Lactate  
LD (Lactate – Pyruvate)  
LD (Pyruvate – Lactate)  
Lipase  
Lipoprotein (a)  
Lithium  
Magnesium  
Methadone  
Methamphetamine  
Microalbumin  
NEFA  
Opiates  
Phosphorus  
Potassium  
Rheumatoid Factor (RF)  
sLDL Cholesterol  
Sodium  
Superoxide Dismutase (Ransod)  
Total Antioxidant Status (TAS)  
Total Iron Binding Capacity (TIBC)  
Total Protein  
Transferrin  
Triglycerides  
Urea  
Uric Acid  
Urinary Protein  
Zinc

## ORTHO VITROS 5600/ ORTHO VITROS 5/ ORTHO I FS/ ORTHO 4600

Adiponectin  
Aldolase  
Alpha-I-Antitrypsin  
Apolipoprotein A-II  
Apolipoprotein B  
ASO  
 $\beta_2$  Microglobulin  
Barbiturates  
Benzodiazepines  
Bile Acids  
Cannabinoids  
Cocaine Metabolite  
Complement C3  
Complement C4  
Copper

Creatinine  
CRP  
Cystatin C  
Direct Bilirubin  
HDL-Cholesterol  
LDL-Cholesterol  
Ecstasy  
EDDP  
Ethanol  
Glutathione Peroxidase (Ransel)  
H-FABP  
Ferritin  
Fructosamine  
Full Range CRP  
G-6-PDH  
GLDH  
Glucose  
Glycerol  
Haptoglobin  
HbA1c  
High Sensitivity CRP  
Homocysteine  
D-3-Hydroxybutyrate (Ranbut)  
IgA  
IgE  
IgG  
IgM  
Iron  
Lactate Dehydrogenase  
Lipase  
Lipoprotein (a)  
Lithium  
Methadone Metabolite  
Microalbumin  
NEFA  
Opiates  
Pancreatic Amylase  
Phenobarbital  
Rheumatoid Factor  
sLDL Cholesterol  
Superoxide Dismutase (Ransod)  
Total Antioxidant Status  
Total Iron Binding Capacity  
Total Protein  
Transferrin  
Valproic acid  
Zinc

## OLYMPUS (BECKMAN COULTER) AU400/480/600/640/2700/5400

Acetaminophen  
Acetic Acid  
**Acid Phosphatase**  
Adiponectin  
**Albumin**  
Aldolase  
**Alkaline Phosphatase**

Alpha-I Acid Glycoprotein  
Alpha-I Antitrypsin  
**ALT**  
**Ammonia**  
Amphetamine  
**Amylase**  
**Apolipoprotein A-I**  
Apolipoprotein A-II  
**Apolipoprotein B**  
Apolipoprotein C-II  
Apolipoprotein C-III  
Apolipoprotein E  
**ASO**  
**AST**  
 **$\beta_2$  Microglobulin**  
Barbiturate  
Benzodiazepines  
Bile Acids  
**Bilirubin**  
**Calcium**  
Cannabinoids  
Carbamazepine  
Ceruloplasmin  
Chloride  
**Cholesterol**  
Cholinesterase (Butyryl)  
**CK-MB**  
**CK-NAC**  
**CO<sub>2</sub> Total**  
Cocaine  
**Complement C3**  
**Complement C4**  
Copper  
**Creatinine**  
**CRP**  
Canine CRP  
**CRP Full Range**  
**CRP High Sensitivity**  
Cystatin C  
D-3 Hydroxybutyrate (Ranbut)  
Digoxin  
Ecstasy  
EDDP  
Ethanol  
**Ferritin**  
**Fructosamine**  
G-6-PDH  
**Gamma GT**  
Gentamicin  
GLDH  
**Glucose**  
Glutathione Peroxidase (Ransel)  
Glutathione Reductase  
Glycerol  
Haptoglobin  
**HbA1c**  
**HDL Cholesterol**  
**H-FABP**  
Homocysteine

**IgA**  
IgE  
**IgG**  
**IgM**  
Iron  
Iron/UIBC  
L-Lactate  
LD (Lactate – Pyruvate)  
**LD (Pyruvate – Lactate)**  
**LDL Cholesterol**  
**Lipase**  
**Lipoprotein (a)**  
**Lithium**  
**Magnesium**  
Malic Acid  
Methadone  
Methamphetamine  
**Microalbumin**  
Myoglobin  
NEFA  
Opiates  
Phenobarbital  
Phenytoin  
**Phosphorus**  
Potassium  
**Rheumatoid Factor (RF)**  
Salicylate  
**sLDL Cholesterol**  
Sodium  
Superoxide Dismutase (Ransod)  
Total Antioxidant Status (TAS)  
**Total Iron Binding Capacity (TIBC)**  
**Total Protein**  
Transferrin  
Transthyretin (Prealbumin)  
**Triglycerides**  
**Urea**  
**Uric Acid**  
**Urinary Protein**  
Valproic Acid  
Zinc

## PENTRA 400

Acetic Acid  
Acetaminophen  
Acid Phosphatase  
Adiponectin  
Albumin  
Aldolase  
Alkaline Phosphatase  
Alpha-I-Antitrypsin  
Alpha-I Acid Glycoprotein  
ALT  
Ammonia  
Amphetamines  
Amylase  
Apolipoprotein A-I  
Apolipoprotein C-II

■ Analytes in green indicate Easy Read reagents

■ Analytes in red indicate Easy Fit reagents

Apolipoprotein C-III  
 Apolipoprotein E  
 ASO  
 AST  
 Barbiturate  
 Benzodiazepines  
 Bile Acids  
 Bilirubin  
 Calcium  
 Cannabinoids  
 Carbamazepine  
 Ceruloplasmin  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CK-NAC  
 CO<sub>2</sub> Total  
 Cocaine  
 Creatinine  
 CRP  
 Canine CRP  
 Ferritin  
 Gamma GT  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Digoxin  
 Ecstasy  
 EDDP  
 Ethanol  
 Ferrtin  
 Fructosamine  
 Gamma GT  
 Haptoglobin  
 G-6-PDH  
 Gentamicin  
 Glucose  
 Glutamate  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Haptoglobin  
 HbA1c  
 HDL Cholesterol  
 H-FABP  
 Homocysteine  
 IgE  
 UIBC/Iron  
 L-Lactate  
 LD (Pyruvate-Lactate)  
 LDL Cholesterol  
 Lipoprotein (a)  
 Lithium  
 Magnesium  
 Malic Acid  
 Methadone  
 Methamphetamine  
 Microalbumin  
 NEFA

Opiates  
 Phenobarbital  
 Phosphorus  
 Potassium  
 Salicylate  
 sLDL Cholesterol  
 Superoxide Dismutase (Ransod)  
 Total Antioxidant Status (TAS)  
 Total Iron Binding Capacity (TIBC)  
 Total Protein  
 Transferrin  
 Transthyretin (Prealbumin)  
 Triglycerides  
 Uric Acid  
 Urea  
 Urinary Protein  
 Zinc

### SIEMENS DIMENSION RXL/XPAND

Acid Phosphatase  
 Aldolase  
 Alpha-I Acid Glycoprotein  
 Alpha-I Antitrypsin  
 ALT  
 Apolipoprotein A-I  
 Apolipoprotein B  
 ASO  
 Bile Acids  
 CK-MB  
 CK-NAC  
 Complement C3  
 Complement C4  
 Creatinine  
 CRP  
 Canine CRP  
 D-3 Hydroxybutyrate (Ranbut)  
 Fructosamine  
 G-6-PDH  
 Glucose  
 Glutathione Reductase  
 Glycerol  
 Iron  
 Lipase  
 Myoglobin  
 NEFA  
 sLDL Cholesterol  
 Superoxide Dismutase (Ransod)  
 Transferrin  
 Uric Acid  
 Urinary Protein  
 Zinc

### THERMO KONELAB 20I/30I/60I

Acetaminophen  
 Acetic Acid

Acid Phosphatase  
 Adiponectin  
 Albumin  
 Aldolase  
 Alkaline Phosphatase  
 Alpha-I Acid Glycoprotein  
 Alpha-I-Antitrypsin  
 ALT  
 Ammonia  
 Amylase  
 Apolipoprotein A-I  
 Apolipoprotein A-II  
 Apolipoprotein B  
 Apolipoprotein C-II  
 Apolipoprotein C-III  
 Apolipoprotein E  
 ASO  
 AST  
 β<sub>2</sub> Microglobulin  
 Barbiturate  
 Benzodiazepines  
 Bile Acids  
 Bilirubin  
 Calcium  
 Cannabinoids  
 Carbamazepine  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CK-NAC  
 CO<sub>2</sub> Total  
 Cocaine  
 Complement C3  
 Complement C4  
 Copper  
 Creatinine  
 CRP  
 Canine CRP  
 CRP Full Range  
 CRP High Sensitivity  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Digoxin  
 Ecstasy  
 EDDP  
 Ethanol  
 Ferrtin  
 Fructosamine  
 Free Sulphites  
 G-6-PDH  
 Gamma GT  
 Gentamicin  
 GLDH  
 Glucose  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Glycerol

HbA1c  
 HDL Cholesterol  
 H-FABP  
 Homocysteine  
 IgA  
 IgE  
 IgG  
 IgM  
 Iron  
 Iron/UIBC  
 L-Lactate  
 LD (Pyruvate – Lactate)  
 LD (Lactate - Pyruvate)  
 LDL Cholesterol  
 Lipase  
 Lipoprotein (a)  
 Lithium  
 Magnesium  
 Malic Acid  
 Methadone  
 Methamphetamine  
 Microalbumin  
 Myoglobin  
 NEFA  
 Opiates  
 Phenobarbital  
 Phenytoin  
 Phosphorus  
 Potassium  
 Rheumatoid Factor (RF)  
 sLDL Cholesterol  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Thromboxane  
 Total Antioxidant Status (TAS)  
 Total Iron Binding Capacity (TIBC)  
 Total Protein  
 Transferrin  
 Transthyretin (Prealbumin)  
 Triglycerides  
 Urea  
 Uric Acid  
 Urinary Protein  
 Valproic Acid  
 Zinc

### VITALAB FLEXOR/ SELECTRA E/ SELECTRA II

Acetaminophen  
 Acetic Acid  
 Acid Phosphatase  
 Albumin  
 Aldolase  
 Alkaline Phosphatase  
 Alpha-I Acid Glycoprotein

■ Analytes in green indicate Easy Read reagents

■ Analytes in red indicate Easy Fit reagents

Alpha-1 Antitrypsin  
 ALT  
 Ammonia  
 Amylase  
 Apolipoprotein A-I  
 Apo A-II  
 Apolipoprotein B  
 Apolipoprotein C-II  
 Apo E  
 ASO  
 AST  
 $\beta_2$  Microglobulin  
 Bile Acids  
 Bilirubin  
 Calcium  
 Cannabinoids  
 Carbamazepine  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CO<sub>2</sub> Total  
 Complement C3  
 Complement C4  
 Creatinine  
 CRP  
 CRP Full Range  
 CRP High Sensitivity  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Digoxin  
 Ferritin  
 Fructosamine  
 G-6-PDH  
 Gamma GT  
 Gentamicin  
 GLDH  
 Glucose  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Glycerol  
 HbA1c  
 HDL Cholesterol  
 IgA  
 IgE  
 IgG  
 IgM  
 Iron/UIBC  
 LD (Lactate – Pyruvate)  
 LD (Pyruvate – Lactate)  
 LDL Cholesterol  
 Lipase  
 Lipoprotein (a)  
 Magnesium  
 Microalbumin  
 Myoglobin  
 NEFA  
 Phenobarbital  
 Phenytoin  
 Phosphorus

Potassium  
 Rheumatoid Factor (RF)  
 Salicylate  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Total Antioxidant Status (TAS)  
 Total Iron Binding Capacity (TIBC)  
 Total Protein  
 Transferrin  
 Transthyretin (Prealbumin)  
 Triglycerides  
 Urea  
 Uric Acid  
 Urinary Protein  
 Valproic Acid  
 Zinc

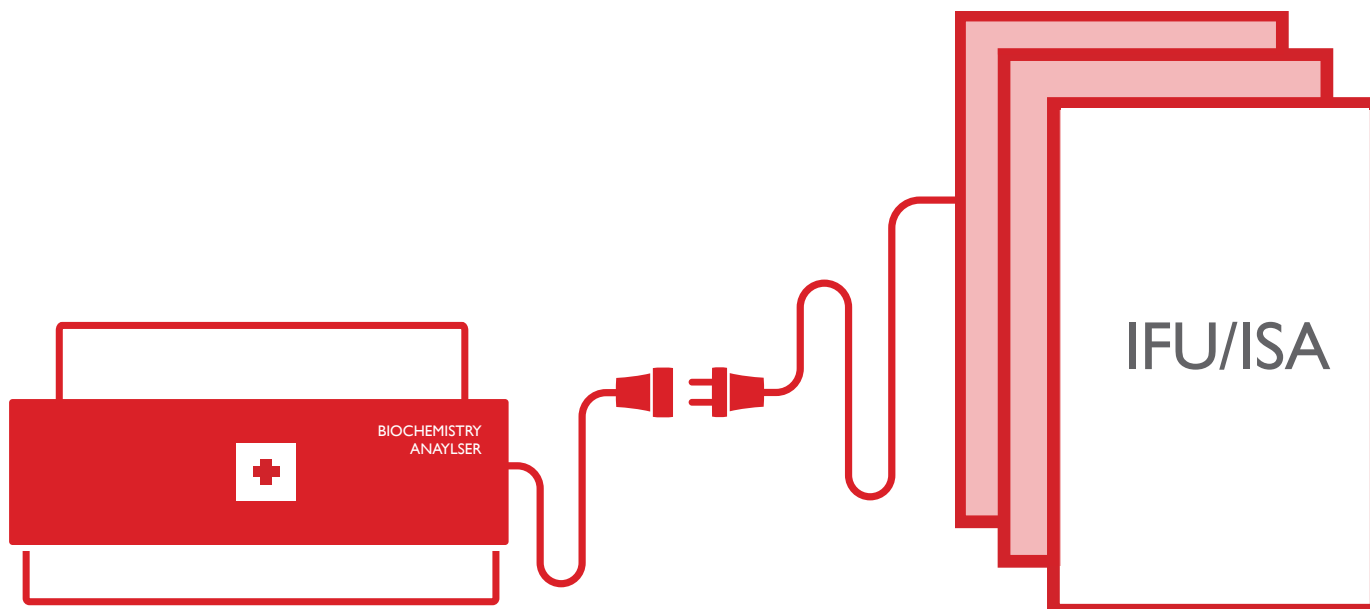
## MANUAL

Acetaminophen  
 Acetic Acid  
 Acid Phosphatase  
 Albumin  
 Aldolase  
 Alkaline Phosphatase  
 Alpha-1 Acid Glycoprotein  
 ALT  
 Ammonia  
 Amylase  
 Antithrombin III  
 Apolipoprotein A-I  
 Apolipoprotein B  
 APTT  
 ASO  
 AST  
 Bile Acids  
 Bilirubin  
 Calcium  
 Chloride  
 Cholesterol  
 Cholinesterase  
 CK-MB  
 CK-NAC  
 Complement 3  
 Complement 4  
 CO<sub>2</sub> Total  
 Copper  
 Creatinine  
 CRP  
 CRP Full Range  
 Cystatin C  
 D-3 Hydroxybutyrate (Ranbut)  
 Ethanol  
 Ferritin  
 Fibrinogen  
 Fructosamine  
 G-6-PDH  
 Gamma GT  
 GLDH

Glucose  
 Glutamate  
 Glutathione Peroxidase (Ransel)  
 Glutathione Reductase  
 Glycerol  
 Haemoglobin  
 HDL Cholesterol  
 IgA  
 IgG  
 IgM  
 Iron  
 Iron/UIBC  
 L-Lactate  
 LD (Lactate – Pyruvate)  
 LD (Pyruvate – Lactate)  
 LDL Cholesterol  
 Lipase  
 Lipoprotein (a)  
 Lithium  
 Magnesium  
 Microalbumin  
 NEFA  
 Phosphorus  
 Potassium  
 Pregnancy Test  
 Prothrombin Time  
 Rheumatoid Factor (RF)  
 Salicylate  
 Sodium  
 Superoxide Dismutase (Ransod)  
 Syphilis  
 Total Antioxidant Status (TAS)  
 Total Iron Binding Capacity (TIBC)  
 Total Protein  
 Transferrin  
 Transthyretin (Prealbumin)  
 Triglycerides  
 Urea  
 Uric Acid  
 Urinary Protein  
 Zinc

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## POWER|LINE

### Powerline

Available 24 hours a day, 7 days a week.

Powerline is a free of charge electronic service from Randox providing customers with instant access to instructions for use (IFU) and instrument specific applications (ISA) for a comprehensive list of instruments anytime, anywhere.

To register log onto [www.randox.com/powerline](http://www.randox.com/powerline). First time users will be asked to complete the 'new user request form,' after which your username and password will be supplied via email.

Finding the necessary information is simple:

1. Select language
2. Log in
3. Select instrument of interest
4. Select a specific analyte

The requested IFU/ISA will then be emailed to your registered email address\*.

\*If your language is not available, an English version will be sent

## RX SERIES ANALYSERS

The clinical analysers from our RX series have an impressive range of time-saving, labour-saving and cost-saving benefits. They offer outstanding flexibility coupled with optimum reliability. RX series software has been designed with users in mind to ensure straightforward and intuitive operation.



### **rx** misano

- The RX misano is a compact semi-automated clinical chemistry analyser with outstanding functionality offering exciting opportunities for both routine and specialised testing. The RX misano boasts increased auto-functionality, impressive touch-screen technology, and the unrivalled RX series test menu making it a modern solution for a variety of laboratory types.



### **rx** monaco

- The RX monaco is a fully automated random access clinical analyser capable of carrying out 170 tests per hour. It provides unrivalled performance for low to mid volume testing.



### **rx** daytona+

- Superior performance for mid volume laboratories. The RX daytona+ is capable of running 270 photometric tests per hour or 450 tests per hour including ISEs.



### **rx** imola

- Efficiency for medium sized laboratories. The RX imola is a random access benchtop clinical analyser with a throughput of 400 photometric tests per hour or 560 tests per hour including ISEs.



### **rx** modena

- The RX modena is a high volume, floor standing, fully automated clinical chemistry analyser. With a throughput of 800 photometric tests per hour or 1,200 tests per hour including ISEs, combined with the unrivalled RX series test menu, the RX modena is a winning combination for large, multi-disciplinary laboratories.



## RX series test menu

## CLINICAL

**Autoimmune:**

Complement Component 3  
 Complement Component 4  
 CRP  
 CRP Full Range (0.3-160mg/l)  
 CRP High Sensitivity  
 IgA  
 IgE  
 IgG  
 IgM  
 Rheumatoid Factor

**Basic Metabolic Profile:**

Calcium  
 CO<sub>2</sub> Total  
 Chloride  
 Creatinine Enzymatic  
 Creatinine (Jaffe)  
 Glucose  
 Potassium  
 Sodium  
 Urea

**Bone Profile:**

Alkaline Phosphatase  
 Calcium  
 Phosphorus  
 Total Protein

**Cardiac:**

Adiponectin  
 Cholesterol  
 CK-MB  
 CK-NAC  
 CRP  
 CRP Full Range (0.3-160mg/l)  
 CRP High Sensitivity  
 Digoxin  
 Direct HDL Cholesterol  
 Direct LDL Cholesterol  
 Heart-Type Fatty Acid Binding Protein (H-FABP)  
 Homocysteine  
 Lipoprotein (a)  
 Myoglobin  
 sLDL  
 Triglycerides  
 TxB Cardio

**Comprehensive Metabolic Profile:**

Albumin  
 Alkaline Phosphatase  
 ALT  
 AST (GOT)  
 Direct Bilirubin  
 Calcium  
 Chloride  
 CO<sub>2</sub> Total  
 Creatinine Enzymatic  
 Creatinine (Jaffe)  
 Glucose  
 L-Lactate  
 Potassium  
 Sodium  
 Total Bilirubin  
 Total Protein  
 Urea

**Diabetes:**

Adiponectin  
 Cholesterol  
 Creatinine Enzymatic  
 Creatinine (Jaffe)  
 Cystatin C  
 Direct HDL Cholesterol  
 Direct LDL Cholesterol  
 Fructosamine  
 Glucose  
 Glycerol  
 HbA1c/Hb  
 Microalbumin  
 NEFA (Non-Esterified Fatty Acids)  
 Ranbut (Hydroxybutyrate)  
 Total Protein  
 Triglycerides  
 Urinary Protein

**Electrolytes:**

Calcium  
 Chloride (Direct / Nondirect)  
 CO<sub>2</sub> Total  
 Lithium  
 Magnesium  
 Potassium (Direct / Nondirect)  
 Sodium (Direct / Nondirect)

**Haemolytic Anemia:**

G-6-P-DH  
 Haptoglobin  
 LDH

**Hepatic Function:**

Albumin  
 Aldolase  
 Alkaline Phosphatase  
 Alpha-1 Antitrypsin  
 ALT  
 Ammonia  
 AST (GOT)  
 Cholinesterase  
 Complement Component 3  
 Complement Component 4  
 Direct Bilirubin  
 Gamma GT  
 GLDH  
 Glycerol  
 Haptoglobin  
 IgA  
 IgG  
 IgM  
 Iron (UIBC)  
 Leucine Arylamidase (LAP)  
 LDH  
 Total Bilirubin  
 Total Protein  
 Transferrin  
 Transthyretin (Prealbumin)

**Inflammation and Infection:**

Acid Phosphatase  
 Alpha-1 Acid Glycoprotein  
 ASO  
 CRP  
 Lactate  
 L-Rheumatoid Factor

**Lipids:**

Apolipoprotein A-I  
 Apolipoprotein AII  
 Apolipoprotein B  
 Apolipoprotein CIII  
 Apolipoprotein CII  
 Apolipoprotein E  
 Cholesterol  
 Direct HDL Cholesterol  
 Direct LDL Cholesterol  
 Lipoprotein (a)  
 sLDL  
 Triglycerides

**Neonatal Screening:**

Alpha-1 Antitrypsin  
 CRP  
 CRP Full Range (0.3-160mg/l)  
 CRP High Sensitivity  
 IgE  
 Transthyretin (Prealbumin)

**Neurological Disorders (CSF):**

IgA  
 IgG  
 IgM

**Nutritional Status:**

Albumin  
 Copper  
 Ferritin  
 Iron  
 Iron (UIBC)  
 Lipase  
 Magnesium  
 Potassium  
 TIBC  
 Transferrin

Transthyretin (Prealbumin)

Zinc

**Pancreatic Function:**

Amylase  
 Glucose  
 LDH  
 Lipase  
 Pancreatic Amylase

**Renal Function:**

Albumin  
 Ammonia  
 Beta-2 Microglobulin  
 Calcium  
 Chloride  
 Creatinine Enzymatic  
 Creatinine (Jaffe)  
 Cystatin C  
 Glucose  
 HbA1c/Hb  
 IgG  
 LDH  
 Magnesium  
 Microalbumin  
 Potassium  
 Sodium  
 Phosphorus (Inorganic)  
 Urinary Protein  
 Urea  
 Uric Acid

**VETERINARY**

Adiponectin  
 Albumin  
 Alkaline phosphatase  
 ALT (GPT)  
 Aldolase  
 Ammonia  
 Amylase  
 AST (GOT)  
 Bile acids  
 Bilirubin  
 Calcium  
 Chloride  
 Cholesterol  
 Cholinesterase (Butyryl)  
 CK-NAC  
 CO<sub>2</sub> Total  
 Copper  
 Creatinine  
 CRP  
 Canine CRP  
 Fructosamine  
 Gamma-GT  
 GLDH  
 Glucose  
 Glycerol  
 HDL  
 Iron (UIBC)  
 L-Lactate  
 Lactate dehydrogenase  
 LDL  
 Lipase  
 Magnesium  
 NEFA (Non-esterified fatty acids)  
 Phosphorus (Inorganic)  
 Potassium  
 Ranbut (Hydroxybutyrate)  
 Glutathione Peroxidase (Ransel)  
 Superoxide Dismutase (Ransod)  
 Sodium  
 Therapeutic drugs  
 Total Protein  
 Triglycerides  
 Urea  
 Uric Acid  
 Urinary protein  
 Zinc

**TOXICOLOGY****Therapeutic Drugs:**

Acetaminophen  
 Carbamazepine  
 Digoxin

Gentamicin  
 Lithium

Phenobarbitol  
 Phenytoin  
 Salicylate  
 Valproic Acid

**Drugs of Abuse:**

Barbiturates  
 Benzodiazepines  
 Cannabinoids  
 Cocaine metabolite  
 EDDP  
 Ecstasy  
 Ethanol  
 Methadone  
 Methamphetamine  
 Opiates

**PROTEINS****Specific Proteins:**

Alpha-1 Antitrypsin  
 Alpha-1 Acid Glycoprotein  
 Apolipoprotein A-I  
 Apolipoprotein AII  
 Apolipoprotein B  
 Apolipoprotein CII  
 Apolipoprotein CIII  
 Apolipoprotein E  
 ASO  
 Beta-2 Microglobulin  
 Ceruloplasmin  
 Complement Component 3  
 Complement Component 4  
 CRP  
 CRP Full Range (0.3-160mg/l)  
 CRP High Sensitivity  
 Cystatin C  
 Ferritin  
 Fructosamine  
 Haptoglobin  
 HbA1c/Hb  
 IgA  
 IgE  
 IgG  
 IgM  
 Lipoprotein (a)  
 Microalbumin  
 Myoglobin  
 Rheumatoid Factor  
 Transthyretin (Prealbumin)  
 Transferrin

**RESEARCH****Antioxidants:**

Albumin  
 Bilirubin  
 Ferritin  
 Glutathione Reductase  
 Glutathione Peroxidase (Ransel)  
 Superoxide Dismutase (Ransod)  
 TIBC  
 Total Antioxidant Status  
 Transferrin  
 Uric Acid

**Biotechnology:**

Glutamate  
 Glutamine

**Food and Wine Testing:**

Acetic Acid  
 Ammonia  
 Calcium  
 Copper  
 Glucose  
 Glucose/Fructose  
 Glycerol  
 Iron  
 L-Lactic Acid  
 Malic Acid  
 Potassium  
 Total Antioxidant Status





### IMMUNOASSAY SPECIALITY 2 PROGRAMME+

RQ9142 (2 ml)  
5 Parameters  
Samples every month, 1 x 12 month cycle, 12 month subscription, lyophilised samples

Calcitonin Gastrin	Procalcitonin	Plasma Renin Activity	Renin (Direct Concentration)
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### IMMUNOSUPPRESSANT PROGRAMME+

RQ9159 (2 ml)  
4 Parameters  
Samples every month, 1 x 12 month cycle, 12 month subscription, lyophilised samples

Cyclosporin	Everolimus	Sirolimus	Tacrolimus
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### LIPID PROGRAMME *With target scoring*

RQ9126/a (3 ml)      RQ9126/b (3 ml)  
3 Parameters only (choose from 7)      Full 7 Parameters  
Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription, lyophilised samples

Apolipoprotein A1 Apolipoprotein B	Cholesterol (Total) HDL-Cholesterol	LDL-Cholesterol Lipoprotein (a)	Triglycerides
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### LIQUID CARDIAC PROGRAMME *With target scoring*

RQ9136 (3 ml)  
9 Parameters  
Samples every month, 1 x 12 month cycle, 12 month subscription, liquid ready-to-use samples

CK-MB Mass D-dimer Digoxin	Homocysteine hsCRP	Myoglobin NT proBNP	Troponin I Troponin T
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### MATERNAL SCREENING PROGRAMME *With target scoring*

RQ9137 (1 ml)  
6 Parameters  
Samples every month, 1 x 12 month cycle, 12 month subscription, lyophilised samples

AFP free $\beta$ -hCG	Total hCG Inhibin A	PAPP-A	Unconjugated Oestriol
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### SEROLOGY (EBV) PROGRAMME+

RQ9153 (1 ml)  
3 Parameters  
3 samples per quarterly distribution, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results, liquid ready-to-use samples

Anti-EBVCA IgG	Anti-EBNA IgG	Anti-EBVCA IgM
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### SEROLOGY (HIV-HEPATITIS) PROGRAMME+

RQ9151 (1.8 ml)  
10 Parameters  
5 samples per quarterly distribution, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results, liquid ready-to-use samples

Anti-HIV-1 Anti-HIV-2 Anti-HIV-1&2 Combined	Anti-HCV Anti-HBc Anti-HTLV-I	Anti-HTLV-II Anti-HTLV-I&2 Combined Anti-CMV	HBsAg
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### SEROLOGY (SYPHILIS) PROGRAMME+

RQ9154 (1 ml)  
1 Parameter  
3 samples per quarterly distribution, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results, liquid ready-to-use samples

Syphilis (Methods available include immunoassay RPR, VDRL and TPHA)

### SEROLOGY (ToRCH) PROGRAMME+

RQ9152 (1 ml)  
12 Parameters  
5 samples per quarterly distribution, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results, liquid ready-to-use samples

Anti-Toxoplasma IgG Anti-Toxoplasma IgM Anti-Rubella IgG	Anti-Rubella IgM Anti-CMV IgG Anti-CMV IgM	Anti-HSV1 IgG Anti-HSV2 IgG Anti-HSV-1&2 Combined	Anti-HSV 1 IgM Anti-HSV 2 IgM Anti-HSV 1 + 2 IgM Combined
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### SPECIFIC PROTEINS PROGRAMME *With target scoring*

<b>RQ9114 (3 ml)</b> 26 Parameters Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription, liquid ready-to-use samples			
AFP Albumin α-1-Acid glycoprotein α-1-Antitrypsin α-2-Macroglobulin Anti Streptolysin O Antithrombin III	<b>RQ9160 (2 ml)</b> β-2-Microglobulin Ceruloplasmin Complement C <sub>3</sub> Complement C <sub>4</sub> C-Reactive Protein Ferritin Haptoglobin	<b>RQ9161 (1 ml)</b> IgA IgE IgG IgM Kappa Light Chain (Free) Kappa Light Chain (Total) Lambda Light Chain (Free)	Lambda Light Chain (Total) Prealbumin (Transthyretin) Retinol Binding Protein Rheumatoid Factor Transferrin

### SWEAT TESTING PROGRAMME+

<b>RQ9173 (2 ml)</b> 3 Parameters Samples every month, 1 x 12 month cycle, 12 month subscription, liquid ready-to-use samples		
Chloride	Conductivity	Sodium

### THERAPEUTIC DRUGS PROGRAMME *With target scoring*

<b>RQ9111 (5 ml)</b> 18 Parameters Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription, Weighed-in values, lyophilised samples			
Amikacin Caffeine Carbamazepine Cyclosporine Digoxin	Ethosuximide Gentamicin Lithium Methotrexate Paracetamol (Acetaminophen)	Phenobarbital Phenytoin Primidone Salicylic Acid Theophylline	Tobramycin Valproic Acid Vancomycin

### TRACE ELEMENTS IN BLOOD PROGRAMME+

<b>RQ9172 (3 ml)</b> 7 Parameters Samples every month, 1 x 12 month cycle, 12 month subscription, lyophilised samples			
Copper Iodine	Lead Magnesium	Manganese Selenium	Zinc

### TRACE ELEMENTS IN SERUM PROGRAMME+

<b>RQ9170 (3 ml)</b> 10 Parameters Samples every month, 1 x 12 month cycle, 12 month subscription, lyophilised samples			
Aluminium Chromium Cobalt	Copper Iodine Lead	Manganese Nickel Selenium	Zinc

### TRACE ELEMENTS IN URINE PROGRAMME+

<b>RQ9171 (3 ml)</b> 11 Parameters Samples every month, 1 x 12 month cycle, 12 month subscription, lyophilised samples			
Cadmium Chromium Cobalt	Copper Iodine Lead	Magnesium Manganese Molybdenum	Nickel Thallium

### URINALYSIS PROGRAMME+

<b>RQ9138 (12 ml)</b> 14 Parameters Samples every 2 months, 1 x 12 month cycle, 12 month subscription, liquid ready-to-use samples			
Albumin Bilirubin Blood Creatinine	Galactose Glucose hCG Ketones	Leukocytes Nitrite pH Protein	Specific Gravity Urobilinogen

### URINE TOXICOLOGY PROGRAMME+

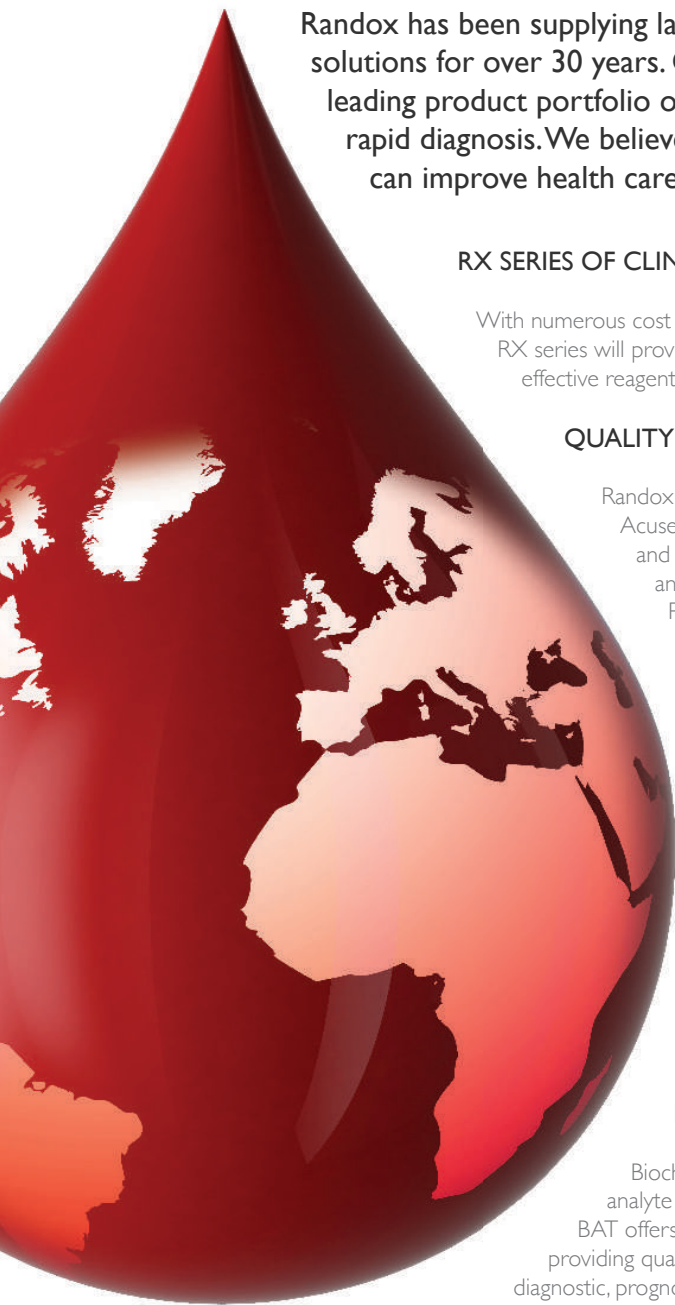
<b>RQ9139 (5 ml)</b> 20 Parameters Samples every month, 1 x 12 month cycle, 12 month subscription, liquid ready-to-use samples			
Benzoylcegonine Buprenorphine Cannabinoids (THC) Cotinine* Creatinine d-Amphetamine	d-Methamphetamine EDDP Ethanol Free Morphine Lorazepam LSD	MDMA Methadone Nortriptyline Norpropoxyphene Oxazepam Phencyclidine	Phenobarbital Secobarbital

PURPLE = The only parameters available on RQ9135/a

+ = Not accredited

\* = Pilot study ongoing

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