RAND©X

REAGENTS





01	BENEFITS
02	TESTING PANELS
05	A-Z PORTFOLIO
06	RANDOX THIRD PARTY REAGENTS PORTFOLIO
34	RANDOX CATALOGUE CODES
35	EASY READ REAGENTS
36	EASY FIT REAGENTS
37	ANALYSER APPLICATIONS
42	PRODUCT INSERTS
43	RX SERIES ANALYSERS
44	RIQAS - RANDOX INTERNATIONAL QUALITY ASSESSMENT SCHEME
53	RANDOX - A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER
54	CONTACT US

Benefits of Randox Reagents

Randox 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 an extensive test menu of more than 100 assays, covering over 100 disease markers including specific proteins, lipids, therapeutic drug monitoring, antioxidants, 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 (Randox Easy Read and Easy Fit reagents) for a wide range of chemistry analysers providing you with freedom of choice from an independent manufacturer.



Expand your test menu without expanding your lab

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



Expand routine testing

With speciality assays for 195 of the most common clinical chemistry analysers; assays which usually require dedicated equipment can now be run on automated biochemistry analysers; allowing your laboratory to expand its routine test menu.



Reduce labour

Reduce your time spent on running tests through liquid ready-to-use reagents, automated methods and our easy - fit options.



Bring testing in - house

With smaller kit sizes and excellent reagent stability, you don't have to worry about reagent wastage, allowing testing to be brought in - house.



Reduce costs

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).



Reduce the risk of errors and have confidence in patient results

Our traceability of material and extremely tight manufacturing tolerances ensure uniformity across reagent batches reducing lot-to-lot variability, giving you the confidence that you are sending out the correct patient results.

TESTING PANELS

Testing Panels

CLINICAL CHEMISTRY

Aldolase Alkaline Phosphatase

Albumin

Alanine Aminotransferase (ALT)

Ammonia

Amylase

Amylase Pancreatic

Aspartate Aminotransferase (AST)

Bile Acids

Bilirubin

Calcium

Cholesterol

Cholinesterase (Butyryl)

CK-MB

CK-NAC

CO, Total

Copper

Creatinine

D-3 Hydroxybutyrate (Ranbut)

Ethanol

G6PDH

Gamma GT

GLDH

Haemoglobin

Iron

L-Lactate

Lactate Dehydrogenase

Lipase

Magnesium Phosphorus

Total Iron Binding Capacity (TIBC)

Triglycerides Total Protein

Urinary Protein

Urea

Uric Acid

Zinc

SPECIFIC PROTEINS

Anti-Streptolysin O

Apolipoprotein A-I

Apolipoprotein B

Apolipoprotein C-II

Apolipoprotein C-III

Apolipoprotein E

CRP

Cystatin C Ferritin

HbA1c II Direct

lgΑ

IgE lgG

Lipoprotein (a)

Microalbumin

Rheumatoid Factor

Soluble Transferrin Receptor (sTfR)

Transferrin

CARDIOLOGY & LIPIDS

Apolipoprotein A-I

Apolipoprotein B

Apolipoprotein C-II

Apolipoprotein C-III Apolipoprotein E

Cholesterol Total

Cholesterol HDL Cholesterol LDL

Cholesterol sdLDL

CK **CKMB**

CRP High Sensitivity

Fructosamine (Glycated Protein)

Homocysteine Lipoprotein (a) Myoglobulin Triglycerides

DIABETES

Albumin

Cystatin C

Creatinine

D-3 Hydroxybutyrate (Ranbut)

Glucose

HbA1c Direct

Microalbumin

NEFA

THERAPEUTIC DRUG MONITORING

Valproic Acid

ANTIOXIDANTS

Albumin Zinc Iron

Bilirubin Direct Soluble Transferrin Receptor (sTfR) Bilirubin Total Total Antioxidant Status (TAS) Copper Total Iron Binding Capacity (TIBC)

Ferritin Transferrin G6PDH Uric Acid

RAPID TESTS / SEROLOGY

G6PDH

VETERINARY

Alanine Aminotransferase (ALT) CO₂ Total Albumin Copper Total Antioxidant Status (TAS) Aldolase Creatinine

Alkaline Phosphatase CRP - Canine Total Protein

Ammonia D-3 Hydroxybutyrate (Ranbut) Amylase Fructosamine (Glycated Protein) Urea

Gamma GT Uric Acid Aspartate Aminotransferase (AST) GLDH Bile Acids Bilirubin Direct Glucose Zinc

Bilirubin Total Glutathione Peroxidase (Ransel)

Calcium Iron Cholesterol HDL Lactate

Cholesterol LDL Lactate Dehydrogenase

Cholesterol Total Lipase Cholinesterase (Butyryl) Magnesium CK-NAC NEFA

Phosphorus

Total Iron Binding Capacity (TIBC)

Triglycerides Urinary Protein

A-Z Portfolio of Reagents

Albumin CRP Canine Soluble Transferrin Receptor (sTfR)

Aldolase CRP Full Range Total Iron Binding Capacity (TIBC)

Alkaline Phosphatase CRP High Sensitivity Total Antioxidant Status (TAS)

Fructosamine (Glycated Protein)

Urea

Alanine Aminotransferase (ALT) Cystatin C Total Protein Ammonia Ethanol Transferrin Ferritin

Amylase Triglycerides

Anti-Streptolysin O (ASO) G6PDH Uric Acid

Apolipoprotein A-I Gamma GT Urinary Protein GLDH Apolipoprotein B Valproic Acid

Apolipoprotein C-II Glucose Zinc

Glutathione Peroxidase (Ransel) Apolipoprotein C-III

Apolipoprotein E Haemoglobin Aspartate Aminotransferase (AST) HbA1c II Direct Bile Acids 5th Gen Homocysteine

Amylase Pancreatic

Bilirubin Direct D-3-Hydroxybutyrate (Ranbut)

Bilirubin Total IgA Calcium IgE Cholesterol Total lgG Cholesterol HDL Iron

Cholesterol I DI L-Lactate

Cholesterol sdLDL Lactate Dehydrogenase (LD) Pyruvate - Lactate

Cholinesterase (Butyryl) Lipase

CK-MB Lipoprotein (a) CK-NAC Magnesium CO, Total Microalbumin

Copper Non-Esterified Fatty Acids (NEFA)

Creatinine Phosphorus

CRP Rheumatoid Factor (RF)

Albumin (BCG)

Ordering Information

Cat. No: AB3800 9 x 51ml ♦

> AB8301 4 × 20ml ♦

Randox Albumin

- Liquid and lyophilised reagents available
- Working reagent stable up to 3 months when stored at +15 to +25°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Aldolase (UV Method)

Ordering Information

Cat. No: AD189 $5 \times 20 \text{ml}$

Randox Aldolase

- Lyophilised reagent
- Working reagent stable for 8 hours at +2 to +8°C
- Measuring range 1.73-106U/L

Acusera Controls and Calibrators:

Aldolase Control and Aldolase Calibrator

Alkaline Phosphatase (AMP Method)

Ordering Information

Cat. No: AP3802 R1 6 x 51ml ♦

 $R2.6 \times 14mI$

AP8302 R1 4 x 20ml ♦

 $R2.4 \times 7mI$

Randox Alkaline Phosphatase (AMP Method)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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



(C) Indicates calibrator included in kit.



Alanine Aminotransferase (ALT) (UV) (IFCC)

Ordering Information

AL3801 R1 6 x 51ml ♦

R2 6 x 14ml

AL8304 R1 4 x 20ml ♦

> $R2.4 \times 7mI$ (Mod IFCC)

Randox Alanine Aminotransferase (ALT)(UV)(IFCC)

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Ammonia (Enzymatic UV)

Ordering Information

Cat. No: AM1015 RIa $10 \times 5ml$ (C)

RIb $I \times 70 \text{ ml}$

R2 $I \times I mI$

Randox Ammonia (Enzymatic UV)

- Lyophilised reagents
- Sable for 3 weeks at +2 to+8°C or 5 days at +15 to +25°C

Acusera Controls and Calibrators:

Ammonia/Ethanol Control and Randox Multi Control and Calibrator

RIQAS External Quality Assessment:

Ammonia / Ethanol Programme

Amylase (Ethylidene PNPG7)

Ordering Information

Cat. No: AY3805 R1 4 × 16ml ♦

 $R2.4 \times 5mI$

AY8335 R1 4 × 20ml ♦

 $R2.4 \times 7mI$

Randox Amylase (Ethylidene PNPG7)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

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Pancreatic Amylase (Ethylidene PNPG7)

Ordering Information

Cat. No: AY3855 R1 4 x 16ml ♦

 $R2.4 \times 5ml$

Randox Pancreatic Amylase (Ethylidene PNPG7)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Anti-Streptolysin O (Latex Enhanced Immunoturbidimetric)

Ordering Information

R1 2 × 9ml ♦ Cat. No: LO3998

R2 2 x 14ml

Randox Anti-Streptolysin O (Latex Enhanced Immunoturbidimetric)

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

Acusera Controls and Calibrators:

Specific Protein Control and Specific Protein Calibrator

RIQAS External Quality Assessment:

Specific Proteins Programme

Apolipoprotein A-I (Immunoturbidimetric)

Ordering Information

Cat. No: LP3838 R1 4 × 30ml ♦

 $R2.4 \times 12mI$

Randox Apolipoprotein A-I (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

Lipid Control, Precision Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Plus Control and Apolipoprotein Calibrator

RIQAS External Quality Assessment:

Lipid Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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(C) Indicates calibrator included in kit.

Apolipoprotein B (Immunoturbidimetric)

Ordering Information

Cat. No: LP3839 R1 4 × 20ml ♦

 $R2.4 \times 6ml$

Randox Apolipoprotein B (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

Lipid Control, Precision Chemistry Premium Plus Control, Liquid Chemistry Premium Plus Control, Assayed Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Plus Control, Apolipoprotein Calibrator

RIQAS External Quality Assessment:

Lipid Programme

Apolipoprotein C-II (Immunoturbidimetric)

Ordering Information

LP3866 Cat. No: R1 2 x 11ml ♦

 $R2.2 \times 5ml$

Randox Apolipoprotein C-II (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

Apolipoprotein Control and Apolipoprotein Calibrator 2

Apolipoprotein C-III (Immunoturbidimetric)

Ordering Information

Cat. No: LP3865 R1 2 x 11ml ♦

 $R2.2 \times 5ml$

Randox Apolipoprotein C-III (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

Apolipoprotein Control and Apolipoprotein Calibrator 2

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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(C) Indicates calibrator included in kit.



Apolipoprotein E (Immunoturbidimetric)

Ordering Information

Cat. No: LP3864 R1 2 x 11ml ♦

 $R2.2 \times 5mI$

Randox Apolipoprotein E (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

Apolipoprotein Control and Apolipoprotein Calibrator 2

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

Ordering Information

Cat. No: AS3804 R1 6 x 51ml ♦

R2 6 x 14ml

AS8306 R1 4 x 20ml ♦

 $R2.4 \times 7mI$

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

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Bile Acids (Immunoturbidimetric)

Ordering Information

Cat. No: BI3863 R1 2 x 18ml ♦

> $R2.2 \times 8mI$ (5th generation)

BI7982 R1 6 x 50ml

> R2 6 x 18ml (5th generation)

Randox Bile Acids (Latex Enhanced Immunoturbidimetric)

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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(C) Indicates calibrator included in kit.



Bilirubin Direct

Ordering Information

Cat. No:	BR3807	R1 2 × 30ml ♦
		R2a 8 × 4ml

BR9765

R2b $I \times 2mI$

BR4060 R1 4 × 20ml ♦

 $R2.4 \times 8mI$

(Vanadate Oxidation Method)

BR8308 R1 4 x 20ml ♦

 $R2.4 \times 8ml$

(Vanadate Oxidation Method) RI 4 x 14ml •

 $R2.4 \times 6mI$

(Vanadate Oxidation Method)

Randox Bilirubin Direct

- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Bilirubin Total

Ordering Information

Cat. No: BR3859 R1 2 × 50ml ♦

R2a $8 \times 4mI$

R2b I (Jendrassik)

BR4061 R1 4 x 20ml ♦

> $R2.4 \times 8mI$ (Vanadate Oxidation Method)

BR8377 R1 4 x 20ml ♦

> $R2.4 \times 8mI$ (Vanadate Oxidation Method)

Randox Bilirubin Total

- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme





Calcium (Arsenazo)

Ordering Information

Cat. No: CA3871 9 × 51ml ♦

> CA8309 4 × 20ml ♦

Randox Calcium (Arsenazo)

- Liquid ready-to-use reagents
- Stable to expiry when stored at +15 to +25°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Cholesterol Total (CHOD-PAP)

Ordering Information

Cat. No: CH3810 9 x 5 l ml ♦

> CH8310 4 × 20ml ♦

Randox Cholesterol Total (CHOD-PAP)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Lipid Programme















Cholesterol HDL (Direct Clearance Method)

Ordering Information

Cat. No: CH3811 R1 3 × 51ml ♦

 $R2.3 \times 20ml$

CH8311 $RI4 \times 20ml$

 $R2.4 \times 9mI$

Randox Cholesterol HDL (Direct Clearance Method)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Lipid Programme

Cholesterol LDL (Direct Clearance Method)

Ordering Information

Cat. No: CH3841 R1 3 × 51ml ♦

 $R2.3 \times 20ml$

CH8312 RI 4 x 20ml **♦**

 $R2.4 \times 9ml$

Randox Cholesterol LDL (Direct Clearance Method)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Lipid Programme

Cholesterol sdLDL (Clearance Method)

Ordering Information

Cat. No: 562616 R1 1 × 19.8ml ♦

R2 1 × 8.6ml

562760(U) R1 1 x 18ml ♦

 $R2.1 \times 7mI$

562791*(U) R1 5 × 200ml ♦

562807*(U) R2 2 × 200ml ♦

Randox Cholesterol sdLDL (Clearance Method)

- Liquid ready-to-use reagents
- Stable 28 days at +2 to +8°C

*indicates that both kits must be purchased together

Acusera Controls and Calibrators:

sdLDL Control and sdLDL Calibrator

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



Indicates liquid option.

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



(C) Indicates calibrator included in kit.



Cholinesterase (Butyryl) (Colorimetric)

Ordering Information

CE190 Cat. No: $R1.5 \times 30ml$

 $R2.5 \times 1mI$

Randox Cholinesterase (Butyryl) (Colorimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

CK-MB (Immunoinhibition) (UV)

Ordering Information

Cat. No: CK4043 R1 4 x 20ml ♦

 $R2.4 \times 6mI$

Randox CK-MB (Immunoinhibition) (UV)

- Liquid and lyophilised reagents available
- Stable for up to 21 days at +2 to +8°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Cardiac Programme, Cardiac Plus Programme

CK-NAC (UV DGKC)

Ordering Information

Cat. No: CK3892 R1 4 × 16.5ml ♦

 $R2.4 \times 6.2 ml$ (IFCC)

CK8313 $RI4 \times 20ml$

 $R2.4 \times 7mI$

 $R2.4 \times 6.2 ml$ (IFCC)

CK3812 Rla 2×70 ml

RIb 4×20 ml

 $R2.4 \times 6mI$

Randox CK-NAC (UV DGKC)

- Liquid and lyophilised reagents available
- Stable up to 28 days on-board the analyser (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

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(C) Indicates calibrator included in kit.



CO, Total (Enzymatic)

Ordering Information

Cat. No

CD4006

4 × 21.7ml (C) ♦

Randox CO₂ Total (Enzymatic)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Stable up to 14 days at +10°C
- Measuring range 5 to 45mmol/l

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Copper (Colorimetric)

Ordering Information

Cat. No: CU2340 Rla I x 105 ml ♦

RIb 5×20 ml

 $R2 I \times 30 mI$

Randox Copper (Colorimetric)

- Liquid ready-to-use reagents
- Stable for 2 weeks when stored at +2 to +8°C
- Measuring range 6.6-86µmol/l

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print





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(C) Indicates calibrator included in kit.



Creatinine (IAFFE)

Ordering Information

Cat. No: CR8316 R1 4 × 20ml ♦

 $R2.4 \times 7mI$

CR3814 R1 6 x 5 lml ♦

R2 3 × 28ml

Randox Creatinine (JAFFE)

- Liquid ready-to-use reagents
- Stable up to 21 days at +2 to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Creatinine (Enzymatic UV)

Ordering Information

CR4037 R1 4 x 50ml ♦

 $R2.4 \times 19.5 ml$

CR8317 RI 4 x 20ml ♦

R2 4×9.5 ml

Randox Creatinine (Enzymatic UV)

- Liquid and lyophilised reagents available
- Stable up to expiry date at +2 to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme



Ordering Information

Cat. No: CP3826 R1 6 x 20ml ♦

 $R2.3 \times 9ml$

Randox CRP (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Specific Proteins Programme

CRP Canine (Immunoturbidimetric)

Ordering Information

CP10389 Cat. No: RI 2 x I8.1ml (C) ♦

 $R2.2 \times 5ml$

Randox CRP Canine (Immunoturbidimetric)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 8 200mg/l

Acusera Controls and Calibrators:

Canine CRP Controls

CRP Full Range (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: CP3847 R1 2 × 11ml ♦

R2 $2 \times 11mI$

CP3849 R1 4 x 50ml ♦

 $R2.4 \times 50ml$

CP8315 R1 4 x 10ml ♦

R2 4 × 10ml

Randox CRP Full Range (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Specific Proteins Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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(C) Indicates calibrator included in kit.



CRP High Sensitivity (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: CP3885 R1 2 × 11ml ♦

 $R2.2 \times 11mI$

Randox CRP High Sensitivity (Latex Enhanced Immunoturbidimetric)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.477-10.0mg/l

Acusera Controls and Calibrators:

High Sensitivity CRP Control, Tri-Level Cardiac Control and High Sensitivity CRP Calibrator Series

RIQAS External Quality Assessment:

Liquid Cardiac Programme

$Cystatin \ C \ ({\tt Latex} \ {\tt Enhanced} \ {\tt Immunoturbidimetric})$

Ordering Information

CYS4004 Cat. No: R1 2 × 17.6ml ♦

 $R2.2 \times 6.1 ml$

Randox Cystatin C (Latex Enhanced Immunoturbidimetric)

- 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

Ethanol (Enzymatic)

Ordering Information

DA4015 Cat. No: RI 2 × I6.9ml ♦

 $R2.2 \times 8ml$

Randox Ethanol (Enzymatic)

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

Acusera Controls and Calibrators:

Ethanol Control, Liquid Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Plus Control and Ethanol Calibrator

RIQAS External Quality Assessment:

Urine Toxicology Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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



(C) Indicates calibrator included in kit.



Ferritin (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: FN3888 R1 3 × 20ml ♦

 $R2.3 \times 11mI$

Randox Ferritin (Latex Enhanced Immunoturbidimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Specific Proteins Programme

Fructosamine (Glycated Protein) (Enzymatic)

Ordering Information

Cat. No: FR4030 R1 4 × 19.8ml ♦

 $R2.4 \times 6.9 ml$

Randox Fructosamine (Glycated Protein) (Enzymatic)

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

Acusera Controls and Calibrators:

Fructosamine Controls and Fructosamine Calibrator

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

G6PDH (UV)

Ordering Information

Cat. No: PD410 RI I x 100ml •

R2 $I \times 2mI$

R3 $I \times 2mI$

R4 I \times 20ml

PD2616 Rla3 x 25ml ♦

RIbI × 80 ml

Randox G6PDH (UV)

- Lyophilised reagents
- Stable for 4 weeks following reconstitution when stored at +2°C to +8°C

Acusera Controls and Calibrators:

G6PDH Control

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



Indicates liquid option.

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



(C) Indicates calibrator included in kit.



Gamma GT (Colorimetric)

Ordering Information

Cat. No: GT3817 R1 6 x 51ml ♦

> $R2.6 \times 14mI$ (Mod. IFCC)

GT8320 R1 4 x 20ml ♦

> $R2.4 \times 7mI$ (Mod. IFCC)

Randox Gamma GT (Colorimetric)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2°C to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

GLDH (UV) (DGKC)

Ordering Information

Cat. No: GL441 Rla I \times 70ml

RIb 8×6 ml

R2 2×20 ml

Randox GLDH (UV) (DGKC)

- Lyophilised reagents
- Reconstituted stability: I week at +2 to +8°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme



Glucose (GOD-PAP & Hexokinase)

Ordering Information

Cat. No: GL3815 9 × 51ml ♦ GL8318 4 × 20ml ♦ GL8319 R1 4 × 20ml ♦

> $R2.4 \times 6.5 mI$ (Hexokinase)

GL3816 RI4×51ml ♦

R2a 3×20 ml

R2b $3 \times ImI$

Randox Glucose (GOD-PAP & Hexokinase)

- Liquid and lyophilised reagents
- Stable up to expiry at +2 to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Glutathione Peroxidase (Ransel) (Enzymatic)

Ordering Information

Cat. No: RS505 Rla8 x 10ml

 $RIbI \times 100ml$

R2 I × Iml

R3 2 × 200ml

Randox Glutathione Peroxidase (Ransel) (Enzymatic)

- Lyophilised reagents
- Working reagent stable up to 48 hours at +2 to +8°C
- Veterinary Use Only

Acusera Controls and Calibrators:

Glutathione Peroxidase (Ransel) Control, Glutathione Peroxidase (Ransel) Calibrator





HbA1c II Direct (Latex Immunoagglutination)

Ordering Information

Cat. No: HA8379 R1 4 × 12.7ml ♦

 $R2.4 \times 6ml$

HA4068 R1 4 × 20ml ♦

R2 4 × 8.6ml

Randox HbA1c II Direct (Latex Immunoagglutination)

- Liquid reagents
- Stable up to 28 days onboard the analyser
- For use with RX series of clinical chemistry analysers only

Acusera Controls and Calibrators:

HbA1c Control Set, Liquid HbA1c Control and HbA1c II Calibrator Series

RIQAS External Quality Assessment:

Glycated Haemoglobin Programme

Homocysteine (Enzymatic)

Ordering Information

Cat. No: HY4036 R1 2 × 21.7ml (C) ♦

R2 2 \times 4.6ml

Randox Homocysteine (Enzymatic)

- Liquid ready-to-use reagents
- Stable on board the analyser for 28 days at +10°C
- Measuring range 1.7 47.9µmol/l

Acusera Controls and Calibrators:

Tri-Level Cardiac Control

RIQAS External Quality Assessment:

Cardiac Programme



D-3-Hydroxybutyrate (Ranbut) (Enzymatic)

Ordering Information

Cat. No: **RB1007** RIa $1 \times 105 \text{ ml}$ (S)

RIb $10 \times 10 \text{ ml}$

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

Liquid and lyophilised options available

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

IgA (Immunoturbidimetric)

Ordering Information

Cat. No: IA3832 R1 3 × 20ml ♦

 $R2.3 \times 14mI$

Randox IgA (Immunoturbidimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Specific Proteins Programme

 $IgE \ \ {\ } (Immunoturbidimetric)$

Ordering Information

IE7308 Cat. No: R1 1 x 8ml ♦

 $R2.1 \times 5ml$

Randox IgE (Immunoturbidimetric)

- 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 Plus Control, Precision Chemistry Premium Plus Control, Immunoassay Premium Control, Liquid Immunoassay Premium Control, Immunoassay Premium Plus Control, Liquid Assayed Chemistry Premium Plus Control and IgE Calibrator

RIQAS External Quality Assessment:

Specific Proteins Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



Indicates liquid option.

(S)

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



(C) Indicates calibrator included in kit.



IgG (Immunoturbidimetric)

Ordering Information

IG8044 Cat. No: R1 4 × 8.7ml ♦

R2 4×3.9 ml

Randox IgG (Immunoturbidimetric)

- Liquid ready-to-use reagents
- Stable up to 28 days onboard the analyser at +10°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Specific Proteins Programme

Iron (Ferrozine)

Ordering Information

Cat. No: SI3821 R1 6 x 20ml ♦

R2 3 x 11ml

SI8330 R1 4 x 20ml ♦

 $R2.4 \times 7mI$

Randox Iron (Ferrozine)

- Liquid ready-to-use reagents
- Stable up to expiry date when stored at +2 to +8oC (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

L-Lactate (Colorimetric)

Ordering Information

Cat. No: LC3980 R1a 4 × 20.5ml

R1b 4×20.5 ml

Randox L-Lactate (Colorimetric)

Lyophilised reagents

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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(C) Indicates calibrator included in kit.



Lactate Dehydrogenase (LD) Pyruvate - Lactate (UV)

Ordering Information

Cat. No: LD3818 R1 6 x 20ml ♦ $R2.3 \times 11ml$ LD8322 R1 4 × 20ml ♦

 $R2.4 \times 7mI$

Randox Lactate Dehydrogenase (LD) Pyruvate - Lactate (UV)

- Liquid and lyophilised reagents available
- Stable to expiry date at +2 to +8°C (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Lipase (Colorimetric)

Ordering Information

Cat. No:	LI3837	R1 3 × 9ml ♦
		R2 3 × 6ml
	LI7979	R1 6 × 20ml ♦
		R2 3 × 20ml
	L18050	R1 4 × 16.2ml ♦
		R2 4 × 10ml

Randox Lipase (Colorimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme







Lipoprotein (a) (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: LP2757 R1 1 x 30ml ♦

R2 1×15 ml

LP3403 R1 1 x 10ml ♦

 $R2.1 \times 6ml$

Randox Lipoprotein (a) (Latex Enhanced Immunoturbidimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Lipid Programme

Magnesium (Xylidyl Blue)

Ordering Information

Cat. No: MG3880 6 × 20ml ♦

> MG8326 2 x 16.5ml ♦

Randox Magnesium (Xylidyl Blue)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme



Microalbumin (Immunoturbidimetric)

Ordering Information

Cat. No: MA2426 R1 1 × 60ml (C) ♦

 $R2.1 \times 7mI$

MA3828 R1 6 x 20ml ♦

 $R2.3 \times 8mI$

MA8325 R1 1 x 20ml ♦

 $R2.1 \times 4.6 ml$

Randox Microalbumin (Immunoturbidimetric)

- Peg Enhanced Immunoturbidimetric
- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C

Acusera Controls and Calibrators:

Microalbumin Control and Calibrator Series, Assayed Urine Chemistry Control, Liquid Urine Control and Microalbumin Calibrator Series

RIQAS External Quality Assessment:

Human Urine Programme

Non-Esterified Fatty Acids (NEFA) (Colorimetric)

Ordering Information

Cat. No: FA115 RIa $I \times 70 \text{ ml}$ (C)

 $RIb3 \times I0ml$

R2a 3 × 20ml

R2b 3×20 ml

R2c 3×20 ml

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

- Lyophilised reagents
- Working reagent stable for 5 days at +2 to +8°C
- Measuring range 0.072 2.24 mmol/l

Acusera Controls and Calibrators:

Assayed Chemistry Premium Plus Control and Precision Chemistry Premium Plus Control

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Phosphorus (Inorganic)(UV)

Ordering Information

Cat. No: PH3872 Rla 6 x 14 ml ♦

RIb 6 x 6 ml

PH8328 R1 4 × 12.7ml ♦

R2 4×7.1 ml

Randox Phosphorus (Inorganic)(UV)

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +15 to +25oC (catalogue number dependent)

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



Indicates liquid option.

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



(C) Indicates calibrator included in kit.



Rheumatoid Factor (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: RF3836 R1 2 x 20ml ♦

 $R2.2 \times 8mI$

RF8345 R1 1 × 11.7ml ♦

R2 1×5.7 ml

$Randox\ Rheumatoid\ Factor\ {\scriptstyle (Latex\ Enhanced\ Immunoturbidimetric)}$

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

Acusera Controls and Calibrators:

Specific Protein Control and Rheumatoid Factor Calibrator Series

RIQAS External Quality Assessment:

Specific Proteins Programme

Soluble Transferrin Receptor (sTfR) (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: TF10159 R1 1 × 9ml ♦

R2 1 \times 5.8ml

Randox Soluble Transferrin Receptor

(sTfR) (Latex Enhanced Immunoturbidimetric)

- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to 8°C.
- Measuring Range 0.5-11.77mg/L

Acusera Controls and Calibrators:

sTfR control and sTfR calibrator

Total Antioxidant Status (TAS) (Colorimetric)

Ordering Information

Cat. No: NX2332 R1 1 \times 100ml (S)

 $R2.5 \times 10ml$

R3 2×5 ml

Randox Total Antioxidant Status (TAS) (Colorimetric)

- Lyophilised reagents
- Working reagent stable for 2 days at +2 to +8°C or 8 hours at +15 to +25°C
- Linear up to 2.50mmol/l

Acusera Controls and Calibrators:

Total Antioxidant Status Control

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



Indicates liquid option.

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(C) Indicates calibrator included in kit.



Total Iron Binding Capacity (Colorimetric)

Ordering Information

Cat. No: TI4064 R1 4 × 9ml ♦

 $R2.4 \times 4mI$

Randox Total Iron Binding Capacity (Colorimetric)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

Total Protein (Biuret)

Ordering Information

Cat. No: TP4001 R1 4 × 51ml ♦

 $R2.4 \times 44mI$

TP8336 R1 4 x 20ml ♦

 $R2.4 \times 17mI$

 $R2.4 \times 17mI$

Randox Total Protein (Biuret)

- Liquid and lyophilised reagents
- Stable to expiry at +15 to +25°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme





Transferrin (Immunoturbidimetric)

Ordering Information

Cat. No: TF3831 R1 6 x 20ml ♦

 $R2.3 \times 14mI$

Randox Transferrin (Immunoturbidimetric)

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 7.60 497 mg/dl

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Specific Proteins Programme

Triglycerides (GPO-PAP)

Ordering Information

Cat. No: TR3823 R1a 6 × 51ml

R1b 6×51 ml

TR8332 4 × 20ml ♦

Randox Triglycerides (GPO-PAP)

- Liquid and lyophilised reagents available
- Working reagent stable for 21 days at +2 to +8°C or 3 days at +15 to +25°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

Lipid Programme



Urea (Enzymatic Kinetic)

Ordering Information

Cat. No: UR3825 R1 6 x 51ml ♦

 $R2.4 \times 20mI$

UR8334 R1 4 x 20ml ♦

 $R2.4 \times 7mI$

Randox Urea (Enzymatic Kinetic)

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

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme, , Human Urine Programme

Uric Acid (Enzymatic Colorimetric)

Ordering Information

Cat. No: UA3824 R1 6 x 51ml ♦

 $R2.4 \times 20ml$

UA8333 R1 4 x 20ml ♦

 $R2.4 \times 7mI$

Randox Uric Acid (Enzymatic Colorimetric)

- Liquid and lyophilised reagents available
- Stable to expiry date when stored unopened protected from light

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme, Human Urine Programme





Urinary Protein (Colorimetric)

Ordering Information

Cat. No: UP1570 3 × 100ml (S) ♦

Randox Urinary Protein (Colorimetric)

- Liquid ready-to-use reagents
- Stable to expiry when stored at +15 to +25°C

Acusera Controls and Calibrators:

Assayed Urine Control and Liquid Urine Control

RIQAS External Quality Assessment:

Human Urine Programme

Valproic Acid (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: TD3414 R1 2 x 12ml ▲

 $R2.2 \times 5ml$

Randox Valproic Acid (Latex Enhanced Immunoturbidimetric)

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

RIQAS External Quality Assessment:

Therapeutic Drugs Programme

Zinc (Colorimetric)

Ordering Information

Cat. No: ZN2341 R1 I x 50ml ♦

R2a 2 × 100ml

R2b 1 x 50 ml

ZN2607 6 × 50ml ♦

(Deproteinising Solution)

Randox Zinc (Colorimetric)

- Liquid ready-to-use reagents
- Stable to expiry when stored at +15 to +25°C

Acusera Controls and Calibrators:

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

RIQAS External Quality Assessment:

General Clinical Chemistry Programme

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print



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

(C) Indicates calibrator included in kit.

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.: BR3807 BR: Bilirubin

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 imola

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.

Freedom of choice from an independent manufacturer

Contact us to request 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:

RX imola analysers

Catalogue codes with 3rd and 4th digits starting with 38/39/40 E.g.: AB3800, AM3979

Randox RX modena analysers

Catalogue codes with 3rd and 4th digits starting with 80/81 E.g.: IG8044

Randox RX daytona plus / RX monaco analysers

Catalogue codes with 3rd and 4th digits starting with 83 E.g.: CL8314, NA8327

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

Contact us to request access to 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 are perfectly aligned 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,

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

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 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 contact us.

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

ABBOTT AEROSET/ ARCHITECT C

Cholesterol Total Aldolase Cholesterol HDL Alkaline Phosphatase Cholesterol LDL ALT Cholesterol sdLDL Cholinesterase (Butyryl) Ammonia Amylase CK-MB CK-NAC Amylase Pancreatic CO, Total Apolipoprotein A-I Apolipoprotein B Copper

Creatinine Apolipoprotein C-II Apolipoprotein C-III CRP Apolipoprotein E CRP Canine ASO Cystatin C D-3 Hydroxybutyrate AST

(Ranbut) Bile Acids Ethanol Bilirubin Ferritin

Calcium

Fructosamine (Glycated Protein) G6PDH

Gamma GT Glucose GI DH

Glutathione Peroxidase (Ransel)

HbA1c Homocysteine

IgE lgG Iron

LD Pyruvate - Lactate

Lipase

Lipoprotein (a)

Magnesium Microalbumin

NEFA

Rheumatoid Factor (RF) Soluble Transferrin Receptors (STFR) Total Antioxidant Status

Phosphorous (Inorganic)

(TAS)

Total Iron Binding Capacity

(TIBC) Total Protein Transferrin Triglycerides Urea Uric Acid

Urinary Protein

ABBOTT ALINITY C

Aldolase Cholesterol LDL Cholesterol sdLDL Ammonia Apolipoprotein C-II Cholesterol Total Apolipoprotein C-III CK-MR ASO CO₂ Total Bile Acids Copper

Bilirubin CRP Calcium Cystatin C Cholesterol HDL

D-3-Hydroxybutyrate (Ranbut)

Ethanol Ferritin

Fructosamine (Glycated

Protein) G6PDH

Glutathione Peroxidase (Ransel)

HbAlc

G6PDH

IgA ΙgΕ Lipase Lipoprotein (a) **NEFA**

Rheumatoid Factor Soluble Transferrin Receptors (STFR) Total Antioxidant Status

(TAS)

Lipoprotein (a)

Magnesium

Malic Acid

Microalbumin NFFA

Phosphorous (Inorganic)

Rheumatoid Factor (RF)

Urinary Protein

Zinc

Triglycerides

Valproic Acid

Uric Acid

Zinc

Valproic Acid

Zinc

BECKMAN SYNCHRON CX4/5/7/9/LX20/DXC 600/800

Cholesterol Total

Cholesterol HDL

Cholesterol LDL

Alkaline Phosphatase Amylase

Albumin

Cholesterol sdLDL Amylase Pancreatic Cholinesterase (Butyryl) Apolipoprotein A-I CK-MB CK-NAC Apolipoprotein B Creatinine Apolipoprotein C-II Apolipoprotein C-III CRP Apolipoprotein E Cystatin C ASO D-3 Hydroxybutyrate (Ranbut) AST

Bile Acids Ferritin Bilirubin Fructosamine (Glycated Calcium

Ethanol

Protein)

Gamma GT GLDH Glucose Glucose / Fructose Glutathione Peroxidase (Ransel) HbAlc

Homocysteine lgΑ IgE lgG LD Pyruvate - Lactate Lipase

Total Antioxidant Status Total Iron Binding Capacity (TIBC) Total Protein Transferrin Triglycerides Urea Uric Acid

If your analyser is not listed here please contact applications@randox.com Exceptions apply. Please contact your local Randox representative for confirmation.

BIOLIS 24I/ PRESTIGE 24I

Albumin Cholesterol Total LD Pyruvate - Lactate Uric Acid Ferritin Cholesterol HDL Aldolase Fructosamine Lipase Urinary Protein (Glycated Protein) Cholesterol LDL Alkaline Phosphatase Lipoprotein (a) Valproic Acid Gamma GT ALT (GPT) Cholesterol sdLDL Zinc Magnesium

GLDH CK-MB NEFA Ammonia Glucose

Amylase CK-NAC Phosphorous (Inorganic) Glutathione Peroxidase CO₂ Total Rheumatoid Factor Amylase Pancreatic (Ransel) Apolipoprotein A-1 Copper Total Antioxidant Status HbAlc (TAS)

Apolipoprotein B Creatinine Homocysteine Total Iron Binding Capacity CRP ASO

lgΑ (TIBC) **CRP** Canine AST (GOT) lgE Total Protein Bile Acids D-3 Hydroxybutyrate lgG Transferrin (Ranbut) Bilirubin Iron Triglycerides Ethanol Calcium Urea

ROCHE COBAS 4000/6000/8000/PURE/PRO

Ferritin

Cholesterol Total Fructosamine Lipoprotein (a) Zinc (Glycated Protein) Cholesterol HDL Aldolase Magnesium G6PDH Alkaline Phosphatase Cholesterol LDL Microalbumin

Gamma GT ALT Cholesterol sdLDL NEFA GI DH Cholinesterase (Butyryl) Ammonia Phosphorous (Inorganic)

Glucose Amylase CK-MB Rheumatoid Factor (RF) Glutathione Peroxidase CO₂ Total Total Antioxidant Status Apolipoprotein A-I

(Ransel) (TAS) Apolipoprotein B Copper

HbA1c Total Iron Binding Capacity Apolipoprotein C-II Creatinine

Homocysteine (TIBC) CRP Apolipoprotein C-III Total Protein lgΑ CRP Canine Apolipoprotein E ΙgΕ Transferrin **AST** Cystatin C lgG Triglycerides Bile Acids D-3 Hydroxybutyrate Iron Urea (Ranbut) Bilirubin LD Pyruvate-Lactate Uric Acid Ethanol Calcium Urinary Protein

SIEMENS ATELLICA

CK-MB NEFA Aldoase Ferritin Zinc

Lipase

CRP Canine G6PDH Soluble Transferrin Apolipoprotein C-III Receptors (STFR) GLDH Apolipoprotein E Copper Total Antioxidant Status

Bile Acids D-3-Hydroxybutyrate Glutathione Peroxidase (TAS)

(Ransel) Cholesterol sdLDL

HITACHI 717/911/912

ASO Creatinine **GLDH** Lipase Acetic Acid Albumin AST CRP Glucose Lipoprotein (a) Bile Acids CRP Canine Glucose / Fructose Magnesium Aldolase Bilirubin CRP Full Range Alkaline Phosphatase Glutathione Peroxidase Malic Acid (Ransel) Calcium CRP High Sensitivity Microalbumin ALT HbA1c Cholesterol Total Cystatin C NEFA Ammonia

Homocysteine Cholesterol HDL D-3 Hydroxybutyrate Phosphorous (Inorganic) Amylase lgΑ (Ranbut) Amylase Pancreatic Cholesterol LDL Rheumatoid Factor (RF) Ethanol ΙgΕ Cholesterol sdLDL Apolipoprotein A-I Total Antioxidant Status

Ferritin lgG Cholinesterase (Butyryl) Apolipoprotein B

Total Iron Binding Capacity Fructosamine Iron CK-MB Apolipoprotein C-II (Glycated Protein) (TIBC) L-Lactic Acid

Apolipoprotein C-III CK-NAC G6PDH Total Protein LD Pyruvate-Lactate CO₂ Total Apolipoprotein E Gamma GT

> If your analyser is not listed here please contact applications@randox.com Exceptions apply. Please contact your local Randox representative for confirmation.

HITACHI 717/911/912

Transferrin

Zinc

Triglycerides Urea

Uric Acid Urinary Protein Valproic Acid

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

Aldolase

Alkaline Phosphatase ALT Ammonia

Amylase Apolipoprotein A-I Apolipoprotein B Apolipoprotein C-II Apolipoprotein C-III

Apolipoprotein E ASO AST Bile Acids

Bilirubin Calcium Cholesterol Total Cholesterol LDL Cholesterol sdLDL Cholinesterase (Butyryl) CK-MB CK-NAC

Cholesterol HDL

CO₂ Total Copper Creatinine CRP CRP Canine CRP Full Range **CRP High Sensitivity**

Cystatin C D-3 Hydroxybutyrate

(Ranbut) Ethanol

Cholesterol LDL

Ferritin Fructosamine

(Glycated Protein) G6PDH Gamma GT GLDH Glucose Glucose / Fructose

Glutathione Peroxidase (Ransel) HbA1c

Homocysteine **IgA** IgE

IgG Iron L-Lactic Acid LD Pyruvate - Lactate

Valproic Acid

Urinary Protein

Zinc

Zinc

Lipase Lipoprotein (a) Magnesium Microalbumin NEFA Phosphorous (Inorganic)

> Rheumatoid Factor (RF) Total Antioxidant Status (TAS)

Total Iron Binding Capacity (TIBC) Total Protein Transferrin Triglycerides Urea Uric Acid Urinary Protein

MINDRAY BS SERIES

Acetic Acid Albumin

Cholesterol sdLDL Aldolase Cholinesterase (Butyryl)

CK-MB Alkaline Phosphatase ALT CK-NAC Ammonia CO₂ Total Amylase Copper Amylase Pancreatic Creatinine Apolipoprotein A-I CRP Apolipoprotein B CRP Canine ASO

CRP Full Range AST Cystatin C Bile Acids D-3 Hydroxybutyrate

(Ranbut) Bilirubin Ethanol Calcium Ferritin Cholesterol Total Fructosamine Cholesterol HDL (Glycated Protein) G6PDH Gamma GT

GLDH Glucose Glucose / Fructose

Glutathione Peroxidase (Ransel)

HbA1c Homocysteine

ΙgΕ

IgG Iron

L-Lactic Acid LD Pyruvate - Lactate Lipase

Lipoprotein (a) Malic Acid

Magnesium Microalbumin NEFA

Phosphorous (Inorganic) Primary Amino Nitrogen Rheumatoid Factor (RF) Total Antioxidant Status

Total Iron Binding Capacity (TIBC) Total Protein Transferrin Triglycerides Urea Uric Acid

If your analyser is not listed here please contact applications@randox.com Exceptions apply. Please contact your local Randox representative for confirmation.

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

Aldolase CK-MB (Glycated Protein) Zinc G6PDH Ammonia Copper Lipoprotein (a)

Amylase Creatinine GLDH Microalbumin CRP NEFA Amylase Pancreatic Glucose

Apolipoprotein A-I CRP Canine HbA1c Rheumatoid Factor (RF) Apolipoprotein B CRP Full Range Homocysteine Total Antioxidant Status

D-3-Hydroxybutyrate ASO CRP High Sensitivity

Total Iron Binding Capacity (Ranbut) Bile Acids Cystatin C (TIBC) **IgA**

Bilirubin Direct Glutathione Peroxidase Transferrin (Ransel) ΙgΕ Cholesterol Total Urea Ethanol IgG Cholesterol HDL

Urinary Protein Ferritin Iron Cholesterol LDL Valproic acid ΙD Fructosamine Cholesterol sdLDL

BECKMAN COULTER AU400/480/600/640/680/2700/5400/5800/DXC700AU

Cholesterol HDL Albumin Ferritin Lipase Valproic Acid Aldolase Cholesterol LDL Fructosamine Zinc Lipoprotein (a) (Glycated Protein) Cholesterol sdLDL

Alkaline Phosphatase Magnesium G6PDH ALT Cholinesterase (Butyryl) Malic Acid Gamma GT Ammonia CK-MB Microalbumin GLDH CK-NAC NEFA Amylase

Glucose CO₂ Total Amylase Pancreatic Phosphorous (Inorganic) Glucose / Fructose Apolipoprotein A-I Copper Rheumatoid Factor (RF) Glutathione Peroxidase Apolipoprotein B Creatinine Total Antioxidant Status

(Ransel) CRP Apolipoprotein C-II

HbA1c Total Iron Binding Capacity Apolipoprotein C-III CRP Canine

Homocysteine (TIBC) CRP Full Range Apolipoprotein E Total Protein IgA ASO CRP High Sensitivity IgE Transferrin AST Cystatin C lgG Triglycerides Bile Acids D-3 Hydroxybutyrate Iron Urea (Ranbut) Bilirubin L-Lactic Acid Uric Acid Calcium LD Pyruvate - Lactate Urinary Protein Ethyl Glucuronide

HORIBA PENTRA 400

Cholesterol Total

Albumin Calcium Gamma GT LD Pyruvate-Lactate Urinary Protein Cholesterol Total Aldolase Cystatin C Lipoprotein (a) Valproic Acid Zinc

Alkaline Phosphatase Cholesterol HDL D-3 Hydroxybutyrate Magnesium (Ranbut) ALT Cholesterol LDL Microalbumin Ethanol Cholesterol sdLDL NEFA Ammonia

Ferrtin Amylase Cholinesterase (Butyryl) Phosphorous (Inorganic) Fructosamine Amylase Pancreatic CK-MB Rheumatoid Factor (RF) (Glycated Protein) CK-NAC Apolipoprotein A-I Total Antioxidant Status Gamma GT (TAS)

Apolipoprotein B CO₂ Total G6PDH Total Iron Binding Capacity Apolipoprotein C-II

Copper GLDH (TIBC) Apolipoprotein C-III Creatinine Total Protein Glucose CRP Apolipoprotein E

Glutathione Peroxidase Transferrin ASO CRP Canine (Ransel) Triglycerides AST CRP Full Range HbA1c Urea Bile Acids **CRP High Sensitivity** Homocysteine Uric Acid

Bilirubin Ferritin ΙgΕ

SIEMENS DIMENSION RXL/XPAND

Albumin Bile Acids Aldolase Ceruplasmin ALT Cholesterol HDL Cholesterol LDL Amylase

Amylase Pancreatic Cholesterol sdLDL Apolipoprotein A-I CK-MB Apolipoprotein B Creatinine CRP ASO AST CRP Canine

D-3 Hydroxybutyrate Lipoprotein (a) (Ranbut) Magnesium

Fructosamine NEFA (Glycated Protein)

Phosphorous (Inorganic) G6PDH Rheumatoid Factor (RF) GLDH Total Protein Glucose

Transferrin

Lipase

Lipoprotein (a)

Magnesium

Malic Acid

NEFA

Microalbumin

LD Pyruvate – Lactate

Phosphorous (Inorganic)

Iron Uric Acid LD Pyruvate - Lactate Urinary Protein

THERMO KONELAB 201/301/601

Acetic Acid Cholesterol Total Cholesterol HDL Albumin Aldolase Cholesterol LDL Alkaline Phosphatase Cholesterol sdLDL ALT Cholinesterase (Butyryl) CK-MB Ammonia

CK-NAC Amylase Amylase Pancreatic CO₂ Total Apolipoprotein A-I Copper Apolipoprotein B Creatinine Apolipoprotein C-II Apolipoprotein C-III CRP Canine

Apolipoprotein E CRP Full Range ASO **CRP High Sensitivity** AST Cystatin C D-3 Hydroxybutyrate Bile Acids

(Ranbut) Bilirubin Ethanol Calcium

Ethyl Glucuronide

Ferritin Fructosamine (Glycated Protein) G6PDH Gamma GT GLDH Glucose

lgΑ

ΙgΕ

lgG

Iron

Lipase

Glucose/ Fructose Primary Amino Nitrogen Glutathione Peroxidase Rheumatoid Factor (RF) (Ransel) Total Antioxidant Status HbA1c Total Iron Binding Capacity Homocysteine

(TIBC) Total Protein Transferrin Triglycerides Urea L-Lactic Acid Uric Acid

Zinc

Urinary Protein Valproic Acid Zinc

MANUAL

Albumin Cholesterol Total Aldolase Cholesterol HDL Alkaline Phosphatase Cholesterol LDL ALT Cholinesterase (Butyryl) Ammonia Citric Acid Amylase CK-MB CK-NAC Amylase Pancreatic Apolipoprotein A-I CO₂ Total Apolipoprotein B Copper ASO Creatinine AST CRP

CRP Full Range Bile Acids Bilirubin Cystatin C

Calcium D-3 Hydroxybutyrate

(Ranbut) Ethanol Fructosamine (Glycated Protein) G6PDH Gamma GT GLDH Glucose Glucose/Fructose Glutathione Peroxidase (Ransel)

Haemoglobin Iron

L-Lactic Acid

LD Pyruvate - Lactate Lipase Lipoprotein (a)

Magnesium Malic Acid Microalbumin NFFA Phosphorous (Inorganic)

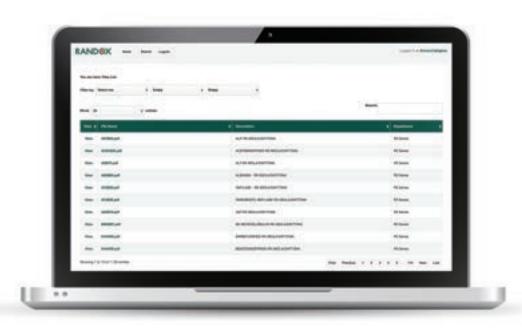
Rheumatoid Factor (RF) Total Antioxidant Status (TAS)

Total Iron Binding Capacity

(TIBC) Total Protein Transferrin Triglycerides Urea Uric Acid Urinary Protein Zinc

For more information on product application, performance and stability please refer to instructions for use for each catalogue number. Information correct at time of print

Product Inserts



Available 24 hours a day, 7 days a week.

Under the 'Support & Documentation' tab on Randox.com, you will be able to access the Randox Reagents 'Product Inserts'. This is a free of charge electronic service from Randox providing customers with instant access to instructions for use (IFU).

To register, visit www.randox.com, navigate to the 'Support & Documentation' along the top navigation bar and click on 'Product Inserts'. If you are a first time user, click 'Request Access', complete your details and click submit.

Upon logging on, you will be able to select a general insert, RX series insert, ELISA insert and so on. Alternatively, you can search for a specific catalogue code using the search field on the right.

The requested insert will be available to download immediately as a PDF.

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.

All Randox Reagents also available for first party use, meaning that they are all validated for use on the RX series of clinical chemistry analysers.

RIQAS CONTENTS

Ammonia/Ethanol Programme With target scoring

2 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

Ethanol

Anti-Müllerian Hormone (AMH) Programme • 👢

RQ9198 (1 ml)

1 Parameter

Samples every month, 1 x 12 month cycle, 12 month subscription

Anti-Müllerian Hormone (AMH)

Anti-TSH Receptor Programme • With target scoring



RQ9174 (1 ml)

1 Parameter

Samples every month, 1 x 12 month cycle, 12 month subscription

Anti-TSH Receptor (TRAb)

Blood Gas Programme With target scoring



RQ9134/A (1.8 ml) RQ9134 (1.8 ml) First registered instrument Subsequent instruments 11 Parameters + 1 pilot 11 Parameters + 1 pilot Samples every month, 1 x 12 month cycle, 12 month subscription 11 Parameters + 1 pilot

Bicarbonate Ca++ Cl-

CO₂(Total) Glucose H+ *

Lactate K+ Na+

 pCO_2 рΗ pO₂

Blood Typing Programme+

RQ9206 (4 ml & 2 ml)

 $\overline{\mbox{6}}$ Tests 2 challenges per quarterly distribution, 1 x 12 month cycle, 12 month subcription

ABO Group Antibody Identification

Antibody Screen Antigen Typing

Compatability (Cross-Match)

Rh(D)

BNP Programme • With target scoring



RQ9165 (1 ml)

Samples every month, 1 x 12 month cycle, 12 month subscription

BNP





Cardiac Programme With target scoring



RQ9127/a (1 ml) RQ9127/b (1 ml) 2 Parameters only (choose from 7) Full 7 Parameters Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription

RQ9186 (1 ml) **Full 7 Parameters**

Samples every month, 1 x 12 monthly cycle, 12 month subscription

CK. Total CK-MB (Activity) CK-MB (Mass) Homocysteine

Troponin I

Cardiac Plus Programme With target scoring



RQ9190 (3 ml) 11 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

CK, Total CK-MB Activity CK-MB Mass

D-dimer Digoxin Homocysteine

hsCRP Myoglobin NT proBNP

Troponin I Troponin T

Cerebrospinal Fluid Programme • With target scoring



RQ9168 (3 ml) 7 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

Chloride

Glucose lgG

Lactate Protein (Total) Sodium

Coagulation Programme With target scoring



RQ9135/a (1 ml) 5 Selected parameters only + 1 pilot RQ9135/b (1 ml) Full 17 Parameters + 1 pilot

(aPTT, PT, TT, Fibrinogen, Antithrombin III)
Samples every month, 1 x 12 month cycle, 12 month subscription

PT (including INR) Fibrinogen

Antithrombin III

Factor II Factor V Factor VII Factor VIII Factor IX Factor X Factor XI Factor XII Plasminogen

Protein S Protein S (Free)

CO-Oximetry Programme+ With target scoring



RQ9177/A (1.2 ml) RQ9177 (1.2 ml) First registered instrument Subsequent instruments 5 Parameters Samples every month, 1 x 12 month cycle, 12 month subscription

Carboxyhaemoglobin (COHb / HbCO) Deoxyhaemoglobin (HHb)

Methaemoglobin (MetHb)

Oxyhaemoglobin (O2Hb / HbO2)

Total Haemoglobin (tHb)





CYFRA 21-1 Programme • With target scoring



RQ9175 (1 ml)

1 Parameter

Samples every month, 1 x 12 month cycle, 12 month subscription

CYFRA 21-1 (Cytokeratin 19 fragment)

Cytokines Programme • With target scoring for IL-6



1 Parameter + 11 pilots

Samples every month, 1 x 12 month cycle, 12 month subscription

Epidermal Growth Factor (EGF)* Interleukin - 1 alpha (IL-1a)* Interleukin – 1 beta (IL-1β)* Interleukin - 2 (IL-2)*

Interleukin - 4 (IL-4)* Interleukin - 6 (IL-6) Interleukin - 8 (IL-8)* Interleukin - 10 (IL-10)* Interferon gamma (INF-Y)* Monocyte Chemoattractant Protein -1 Tumour Necrosis Factor alpha (TNF-α)* Vascular Endothelial Growth Factor (VEGF)*

ESR Programme • With target scoring



RQ9163 (4.5 ml)

1 Parameter

2 samples per quarterly distribution, 1 x 12 month cycle, 12 month subcription

ESR (Erythrocyte Sedimentation Rate)

General Clinical Chemistry Programme With target scoring



RQ9112/a (5 ml) 10 Parameters + 6 pilots RQ9112/b (5 ml) 17 Parameters + 6 pilots RQ9112/c (5 ml)

Full 56 Parameters + 6 pilots

RQ9128 (5ml) Full 56 Parameters + 6 pilots

Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription, reference method values

ACE (Angiotensin Converting Enzyme) Acid Phosphatase (Prostatic) Acid Phosphatase (Total)

Albumin

Alkaline Phosphatase ALT (ALAT) Amylase (Pancreatic) Amylase (Total)

Anion Gap* AST (ASAT) Bicarbonate Bile Acids Bilirubin (Direct) Bilirubin (Total) Calcium Calcium, Adjusted

Calcium (Ionised) Chloride Cholesterol Cholinesterase CK, Total (CPK) Copper Creatinine

D-3-Hydroxybutyrate eGFR (estimated glomerular filtration rate) FIB-4* Fructosamine γGT GLDH Glucose HRDH HDL-Cholesterol

Lactate LD (LDH) LDL-Cholesterol Lipase Lithium Magnesium

NFFA Non-HDL Cholesterol Osmolality Osmolar Gap* Phosphate (Inorganic) Potassium Protein (Total) PSA Sodium

Samples every month, 1 x 12 monthly cycle, 12 month subscription TIBC T - Uptake* T₃ (Free)
T₃ (Total)
T₄ (Free)
T₄ (Total)

Transferrin* Transferrin Saturation* Triglycerides TSH UIBC Urea Uric Acid Zinc





Glycated Haemoglobin Programme (HbA1c) With target scoring



RQ9129 (0.5ml)

2 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

Total Haemoglobin

Haematology Programme With target scoring



RQ9118 (2 ml)	RQ9140 (2ml)
11 Parameters	11 Parameters
Samples every 2 weeks 2 x 6 monthly evelos 12 month subscription	Samples every r

Haematocrit (HCT)

Haemoglobin (Hb) Mean Cell Haemoglobin (MCH)

Mean Cell Haemoglobin Concentration (MCHC)

Mean Cell Volume (MCV)

Platelets (PLT) Plateletcrit (PCT)

Mean Platelet Volume (MPV)

Red Blood Cell Count (RBC) Red Cell Distribution Width (RDW)
Total White Blood Cell Count (WBC)

month, 1 x 12 monthly cycle, 12 month subscription

Human Urine Programme With target scoring



RO9115 (2 x 10 ml) 25 Parameters + 2 pilots Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription

25 Parameters + 2 pilots Samples every month, 1 x 12 monthly cycle, 12 month subscription

ACR Albumin/Microalbumin Amylase Anion Gap* Calcium Chloride

Cortisol Creatinine Dopamine Epinephrine Glucose Metanephrine Copper Norepinephrine Normetanephrine Magnesium Osmolality Oxalate Phosphate (Inorganic) Potassium Protein (Total)

RO9185 (10ml)

Protein/Creatinine Ratio* Sodium Urea Uric Acid VMA 5-HIAA

Immunoassay Programme With target scoring



RQ9125/a (5 ml) RQ9125/b (5 ml) RQ9125/c (5 ml) RQ9130 (5 ml) 4 Parameters only + 4 pilots 13 Parameters only + 4 pilots Full 50 Parameters + 4 pilots Full 51 Parameters + 4 pilots Samples every month, 1 x 12 month Samples every two weeks, 2 x 6 monthly cycles, 12 month subscription (RQ9125/a, RQ9125/b, RQ9125/c) cycle, 12 month subscription RQ9130)

ACTH ΔFP Aldosterone Amikacin Androstenedione β-2-Microglobulin CA125 CA15-3 CA19-9 Carbamazepine CEA Cortisol C-Peptide DHEA-Sulphate

DHEA Unconjugated Digoxin Estriol (Only available in RO9130 Free Androgen Index (FAI)* Ferritin Folate FSH Gentamicin GH hCG lgE Insulin Oestradiol

17-OH-Progesterone Paracetamol Phenobarbital Phenytoin Progesterone Prolactin PSA (Free) PSA (Total) PTH PTH (1-84) Salicylate SHBĠ T-Uptake* T₂ (Free)

T₃ (Total) T₄ (Free) T₄ (Total) Testosterone (Free)* Testosterone (Total) Theophylline Thyroglobulin TSH Valproic Acid Vancomycin Vitamin B12 1-25-(OH)₂-Vitamin D* 25-OH-Vitamin D





Immunoassay Speciality 1 Programme With target scoring



10 Parameters + 1 pilot

Samples every month, 1 x 12 month cycle, 12 month subscription

1-25-(OH)₂-Vitamin D* 25-OH-Vitamin D C-Peptide

Anti-TG Anti-TPO IGF-1

Osteocalcin Procalcitonin PTH

PTH (1-84) Insulin

Immunoassay Speciality 2 Programme With target scoring



RQ9142 (1 ml) 5 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

Calcitonin Gastrin

Procalcitonin

Plasma Renin Activity

Renin (Direct Concentration)

Immunosuppressant Programme • With target scoring



RQ9159 (2 ml)

4 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription, reference method values

Everolimus

Sirolimus

Tacrolimus

Lipid Programme With target scoring



RQ9126/a (3 ml)

3 Parameters only (choose from 7)

RQ9126/b (3 ml) Full 7 Parameters Samples every 2 weeks, 2×6 monthly cycles, 12 month subscription

Apolipoprotein A1 Apolipoprotein B

Cholesterol (Total) HDL-Cholesterol

LDL-Cholesterol Lipoprotein (a)

Triglycerides

Maternal Screening Programme With target scoring



RQ9137 (1 ml)

6 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

AFP free β -hCG Total hCG Inhibin A

PAPP-A

Unconjugated Oestriol





PURPLE = The only parameters available on RQ9135/a

+ = Not accredited

* = Pilot study ongoing

Microbiology (Bacterial Identification) Programme+



1 strain (complete with case study)

Samples every 2 months, 1 x 12 month cycles, 12 month subscription

1 strain complete with case study Identification of the micro-organisms can be made at Gram positive / negative, Genus and Species level Antimicrobial Susceptibility Testing on identified strain

Antimicrobial Susceptibility Testing

Strain Identification

Neonatal Bilirubin Programme • With target scoring



RQ9191 (3 ml)

2 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

Direct Bilirubin

Total Bilirubin

Pre-eclampsia Programme+



RQ9207 (1 ml)

4 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

PAPP-A PIGF sFlt-1 sFlt-1/PIGF ratio

Serology Chagas Programme+



RQ9208 (1 ml)

1 Parameter

Samples every month, 1 x 12 month cycle, 12 month subscription

Trypanosoma Cruzi Antibodies

Serology (EBV) Programme+



RQ9153 (1 ml)

3 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results

Anti-EBNA IgG Anti-EBV VCA IgG Anti-EBV VCA IgM

Serology (HIV-Hepatitis) Programme+



RQ9151 (1.8 ml)

16 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results

Anti-CMV (Total) Anti-HAV IgM Anti-HAV (Total) Anti-HBc

Anti-HBc IgM Anti-HBe (Total) Anti-HBs (Total) Anti-HCV

Anti-HIV-1 Anti-HIV-2 Anti-HIV combined Anti-HTLV I

Anti-HTLV II Anti-HTLV combined HBsAg P24





Serology (Syphilis) Programme+



RQ9154 (1 ml)

1 Parameter

Samples every month, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results

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

Serology (ToRCH) Programme+



RQ9152 (1 ml)

Samples every month, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results

Anti-CMV IgG Anti-CMV IgM Anti-HSV1 IgG Anti-HSV1 IgM

Anti-HSV2 IgG Anti-HSV2 IgM Anti-HSV1/2 IgG Anti-HSV1/2 IgM Anti-Measles IgG Anti-Mumps IgG Anti-Rubella IgG Anti-Rubella IgM

Anti-Toxoplasma IgG Anti-Toxoplasma IgM Anti-VZV IgG

Serum Indices Programme+



RQ9194 (1 ml) 3 Indices Assessments

25 Chemistry Parameters
Samples Bi-Monthly, 2 x 9 samples, 12 month subscription

RQ9194/A^Δ (1 ml)

^a For additional Serum Indices EQA material, purchase RQ9194/A. This is an additional pack containing 9 x 1ml vials to be used as a supplement to your main RQ9194 Serum Indices programme.

Indices Assessment (Quantitative and Semi-Quantitative)

Lipaemic

Parameter Assessment (Quantitative)

ALP ALT AST Bilirubin (Direct) Bilirubin (Total) Calcium Chloride

Cholesterol CK NAC Creatinine GGT Glucose HDI Iron

Lactate LDH Lipase Magnesium Phosphate Potassium Protein (Total)

Sodium Triglycerides Urea Uric Acid

Specific Proteins Programme With target scoring



RQ9114 (3 ml) 26 Parameters Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription

RQ9187 (1ml) 26 Parameters Samples every month, 1 x 12 monthly cycle, 12 month subscription lgΑ

β-2-Microglobulin Albumin . Ceruloplasmin α-1-Acid glycoprotein Complement C. α -1-Antitrypsin Complement C α -2-Macroglobulin C-Reactive Protein Anti Streptolysin O Ferritin Haptoglobin Antithrombin III

IgE lgG lgΜ 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 With target scoring



RQ9173 (2 ml) 2 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

Conductivity

Therapeutic Drugs Programme With target scoring



RQ9111 (5 ml)

18 Parameters

Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription, Weighed-in values

Amikacin Caffeine Carbamazepine Ciclosporin Digoxin

Ethosuximide Gentamicin Lithium Methotrexate

Paracetamol (Acetaminophen)

Phenobarbital Phenytoin Primidone Salicylic Acid Theophylline

Tobramycin Valproic Acid Vancomycin

Urinalysis Programme With scoring



RQ9138 (12 ml)

14 Parameters

Samples every 2 months, 1 x 12 month cycle, 12 month subscription

Albumin Bilirubin Blood Creatinine Galactose Glucose hCG

Leucocytes Nitrite Protein

Specific Gravity Ürobilinogen

Urine Toxicology Programme+



RQ9139 (5 ml)

20 Parameters

Samples every month, 1 x 12 month cycle, 12 month subscription

Benzoylecgonine Buprenorphine Cannabinoids (THC) Cotinine Creatinine d-Amphetamine

d-Methamphetamine Ethanol Free Morphine Lorazepam LSD

MDMA Methadone Nortriptyline Norpropoxyphene Oxazepam Phencyclidine

Phenobarbital Secobarbital

Whilst every attempt is made to ensure that information is accurate and up-to-date, some information is subject to change, please contact RIQAS for current details





RANDOX - A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER

Randox has been supplying laboratories worldwide with revolutionary diagnostic solutions for over 40 years. Our experience and expertise allow us to create a leading product portfolio of high quality diagnostic tools which offer reliable and rapid diagnosis. We believe that by providing laboratories with the right tools, we can improve health care worldwide.

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Renowned for quality and reliability, the RX series combines robust hardware and intuitive software with the world leading RX series test menu comprising an extensive range of high quality reagents including routine chemistries, specific proteins, lipids, therapeutic drugs, drugs of abuse, antioxidants and diabetes testing. The RX series offers excellence in patient care delivering unrivalled precision and accuracy for results you can trust, guaranteeing real cost savings through consolidation of routine and specialised tests onto one single platform.

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Acusera third party quality controls are made using the highest quality material of human origin, ensuring they react like a real patient sample. With more than 390 analytes available across the Acusera range we can uniquely reduce the number of controls required while reducing costs and time. Our product range includes clinical chemistry, immunoassay, urine, immunology and more. Qnostics molecular controls for infectious disease testing are designed to meet the demand of today's molecular diagnostics laboratory while effectively monitoring the entire testing process. Our whole pathogen molecular controls comprise hundreds of characterised viral, bacterial and fungal targets.

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RIQAS is the world's largest international EQA scheme with more than 55,000 participants worldwide. 37 comprehensive, yet flexible programmes cover a wide range of clinical diagnostic testing including chemistry, immunoassay, cardiac, urine, serology and more. Our programmes benefit from a wide range of concentrations, frequent reporting, rapid feedback and user-friendly reports. The QCMD range of molecular infectious disease EQA programmes feature a whole pathogen matrix ensuring a true test of patient sample analysis. With access to over 90 programmes including blood borne viruses, respiratory diseases, multi-pathogen infections and more, there is something for every laboratory.

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In 2002, Randox invented the world's first, Biochip Array Technology, offering highly specific tests, coupled to the highly sensitive chemiluminescent detection, providing quantitative results instantly changing the landscape of diagnostic testing forever. The Randox Evidence Series of multi-analyte immunoanalyser's provide an unrivalled increase in patient information per sample offering diagnostic, prognostic and predictive solutions across a variety of disease areas with a highly advanced clinical and toxicology immunoassay test menu including cardiac, diabetes, drugs of abuse, metabolic and renal markers.

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