REAGENTS
Advancing Biochemistry Testing for Laboratories
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 115 assays, covering over 100 disease markers including specific proteins, lipids, therapeutic drug monitoring, drugs of abuse, 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 majority of the most common biochemistry analysers.

Bring testing in - house

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.

Expand routine testing

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.

Reduce labour

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

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. All our assays are validated against gold - standard methods, offering low CV’s and excellent precision giving you the confidence that you are sending out the correct patient results.
CLINICAL CHEMISTRY

- Adiponectin
- Aldolase
- Alkaline Phosphatase
- ALT
- Ammonia
- Amylase
- Amylase Pancreatic
- AST
- Bile Acids
- Bilirubin
- Calcium
- Chloride
- Cholinesterase (Butyryl)
- CK-MB

- CK-NAC
- CO₂ Total
- Copper
- Ethanol
- G6PDH
- Gamma GT
- GLDH
- Glutamate
- Glutamine
- Glycerol
- Haemoglobin
- Iron
- L-Lactate
- Lactate Dehydrogenase

- Lipase
- Magnesium
- Phosphorus
- Potassium
- Pregnancy Test
- Sodium
- Syphilis
- Total Protein
- Urea
- Uric Acid
- Zinc

SPECIFIC PROTEINS

- Anti-Streptolysin O
- Apolipoprotein A-I
- Apolipoprotein A-II
- Apolipoprotein B
- Apolipoprotein C-II
- Apolipoprotein C-III
- Apolipoprotein E
- Ceruloplasmin
- Complement C3

- Complement C4
- CRP
- Cystatin C
- Ferritin
- Haptoglobin
- HbA1c Indirect
- HbA1c II Direct
- IgA
- IgE
- IgG
- IgM
- Lipoprotein (a)
- Microalbumin
- Myoglobin
- Rheumatoid Factor
- Soluble Transferrin Receptor (sTfR)
- Transferrin
- Transthyretin (Prealbumin)

CARDIOLOGY & LIPIDS

- Adiponectin
- Apolipoprotein A-I
- Apolipoprotein A-II
- Apolipoprotein B
- Apolipoprotein C-II
- Apolipoprotein C-III
- Apolipoprotein E

- Cholesterol Total
- Cholesterol HDL
- Cholesterol HDL3
- Cholesterol LDL
- Cholesterol sdLDL
- CRP High Sensitivity
- Heart-Type Fatty Acid-Binding Protein (H-FABP)
- Homocysteine
- Lipoprotein (a)
- Myoglobin
- sPLA₂-IIA
- Triglycerides

DIABETES

- Adiponectin
- Fructosamine (Glycated Protein)
- Glucose
- HbA1c Indirect

- HbA1c II Direct
- Albumin
- Creatinine
- Microalbumin
- Cystatin C
- NEFA
- β2 Microglobulin
- D-3 Hydroxybutyrate (Ranbut)
## THERAPEUTIC DRUG MONITORING
- Carbamazepine
- Digoxin
- Gentamicin
- Lithium
- Phenobarbital
- Phenytoin
- Valproic Acid

## ANTIOXIDANTS
- Albumin
- Bilirubin Direct
- Bilirubin Total
- Ceruloplasmin
- Ferritin
- Glutathione Peroxidase (Ransel)
- Glutathione Reductase
- Soluble Transferrin Receptor (sTfR)
- Superoxide Dismutase (Ransod)
- Total Iron Binding Capacity (TIBC)
- Transferrin
- Uric Acid

## RAPID TESTS / SEROLOGY
- Anti-Streptolysin O
- CRP
- G6PDH
- Pregnancy Test
- Rheumatoid Factor
- Syphilis

## VETERINARY
- Alanine Aminotransferase (ALT)
- Albumin
- Aldolase
- Alkaline Phosphatase
- Ammonia
- Amylase
- Aspartate Aminotransferase (AST)
- Bile Acids
- Bilirubin Direct Direct
- Bilirubin Total Total
- Calcium
- Chloride
- Cholesterol HDL HDL
- Cholesterol LDL LDL
- Cholesterol Total Total
- Cholinesterase (Butyryl)
- CK-NAC
- CO2 Total
- Copper
- Creatinine
- CRP
- CRP - Canine
- D-3 Hydroxybutyrate (Ranbut)
- Fructosamine (Glycated Protein)
- Gamma GT
- GLDH
- Glucose
- Glutathione Peroxidase (Ransel)
- Glutathione Reductase
- Iron
- Lactate
- Lactate Dehydrogenase
- Lipase
- Magnesium
- NEFA
- Phosphorus
- Potassium
- Sodium
- Superoxide Dismutase (Ransod)
- Total Antioxidant Status (TAS)
- Total Iron Binding Capacity (TIBC)
- Total Protein
- Triglycerides
- Urea
- Uric Acid
- Urinary Protein
- Zinc
A - Z Portfolio of Reagents

Adiponectin
Albumin
Aldolase
Alkaline Phosphatase
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)
ß 2 Microglobulin
Bile Acids 4th Gen
Bile Acids 5th Gen
Bilirubin Direct
Bilirubin Total
Calcium
Carbamazepine
Ceruloplasmin
Chloride
Cholesterol Total
Cholesterol HDL
Cholesterol HDL3
Cholesterol LDL
Cholesterol sdLDL
Cholinesterase (Butyryl)
CK-MB
CK-NAC
CO₂ Total
Complement C3
Complement C4
Copper
Creatinine
CRP
CRP Canine
CRP Full Range
CRP High Sensitivity
Cystatin C
Digoxin
Ethanol
Ferritin
Fructosamine (Glycated Protein)
G6PDH
Gamma GT
Gentamicin
GLDH
Glucose
Glutamate
Glutamine
Glutathione Peroxidase (Ransel)
Gluthione Reductase
Glycerol
Haemoglobin
Haptoglobin
HbA1c Indirect
HbA1c II Direct
Heart-type Fatty Acid Binding Protein (H-FABP)
Homocysteine
D-3-Hydroxybutyrate (Ranbut)
IgA
IgE
IgG
IgM
Iron
L-Lactate
Lactate Dehydrogenase (LD)
Lactate - Pyruvate
Lactate Dehydrogenase (LD)
Pyruvate - Lactate
Lipase
Lipoprotein (a)
Lithium
Magnesium
Microalbumin
Myoglobin
Non-Esterified Fatty Acids (NEFA)
Phenobarbital
Phenytoin
Phosphorus
Potassium
Pregnancy Test
Rheumatoid Factor (RF)
Sodium
Soluble Transferrin Receptor (sTfR)
sPLA₂-11 A
Superoxide Dismutase (Ransod)
Syphilis
Total Iron Binding Capacity (TIBC)
Total Antioxidant Status (TAS)
Total Protein
Transferrin
Transhyretin (Prealbumin)
Triglycerides
Urea
Uric Acid
Urinary Protein
Valproic Acid
Zinc
Adiponectin (Latex Enhanced Immunoturbidimetric)

Ordering Information

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Randox Adiponectin

- Liquid ready-to-use reagents
- Stable for 28 days on-board the analyser at approximately +10°C
- Measuring range 0.32 - 23.8µg/mL
- Excellent correlation to gold standard methods

Acusera Controls and Calibrators:

Adiponectin Controls and Adiponectin Calibrator

Albumin (BCG)

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Randox Albumin

- Liquid ready-to-use reagents
- Stable for 3 months when stored at +15 to +25°C
- Measuring range 2.87 - 75.5g/l

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

Acusera Controls and Calibrators:

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

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Randox Aldolase

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

Acusera Controls and Calibrators:

Aldolase Control and Aldolase Calibrator
Alkaline Phosphatase (DEA Method) (DGKC)

Ordering Information
Cat. No: AP307 10 x 10ml
AP3803 R1 6 x 51ml ♦ R2 6 x 14ml
AP9764 R1 7 x 38ml ♦ R2 7 x 11.7ml
AP8303 R1 4 x 20ml ♦ R2 4 x 7ml

Randox Alkaline Phosphatase (DEA Method)
• Liquid and lyophilised reagents available
• Stable to expiry when stored at +2 to +8°C
• Measuring range 16.3 - 2183U/l
♦ Indicates liquid option

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Alkaline Phosphatase (AMP Method)

Ordering Information
Cat. No: AP311 10 x 10ml
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

Randox Alkaline Phosphatase (AMP Method)
• Liquid and lyophilised reagents available
• Stable to expiry when stored at +2 to +8°C
• Measuring range 18 - 1273U/l
♦ Indicates liquid option

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
Alanine Aminotransferase (ALT) (UV) (IFCC)

Ordering Information
Cat. No: | AL1205 | AL1268 | AL3875 | AL7904 | AL3801 | AL8006 | AL8304 |
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<td>6 x 21ml</td>
<td>R1 7 x 50ml</td>
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<td>(Mod IFCC)</td>
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Randox Alanine Aminotransferase (ALT) (UV) (IFCC)
- Liquid and lyophilised reagents available
- Stable to expiry when stored at +2 to +8°C
- Measuring range 4.25 - 666U/l
- Indicates liquid option

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Alanine Aminotransferase (ALT) (Colorimetric)

Ordering Information
Cat. No: | AL146 |
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<td>2 x 100ml (S)</td>
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Randox Alanine Aminotransferase (ALT) (Colorimetric)
- Liquid ready-to-use reagents
- Stable up to the expiry date when stored at +2 to +8°C.
- Manual method
- Indicates standard included in kit, and is for manual and semi-automated use only

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
**Ammonia (Enzymatic UV)**

**Ordering Information**

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**Randox Ammonia (Enzymatic UV)**

- Lyophilised reagents
- Stable for 3 weeks at +2 to +8°C or 5 days at +15 to +25°C
- Measuring range 16.9 - 1180µmol/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 External Quality Assessment:**
Ammonia / Ethanol Programme

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**Amylase (Ethylidene PNPG7)**

**Ordering Information**

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<th>Cat. No:</th>
<th>R1 4 x 16ml</th>
<th>R2 4 x 5ml</th>
<th>R1 6 x 50ml</th>
<th>R2 4 x 18ml</th>
<th>20 x 5ml</th>
<th>R1 7 x 18ml</th>
<th>R2 7 x 7.3ml</th>
<th>R1 4 x 20ml</th>
<th>R2 4 x 7ml</th>
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**Randox Amylase (Ethylidene PNPG7)**

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

♦ Indicates liquid option

**Acusera Controls and Calibrators:**

**RIQAS External Quality Assessment:**
General Clinical Chemistry Programme
Pancreatic Amylase (Ethylidene PNPG7)

Ordering Information

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

Randox Pancreatic Amylase (Ethylidene PNPG7)
- Liquid ready-to-use reagents
- Stable to expiry when stored at +2 to +8°C
- Wide measuring range 6.11 - 1500U/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,
Clinical Chemistry Calibration Serum

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Anti-Streptolysin O (Latex Enhanced Immunoturbidimetric)

Ordering Information

Cat. No: LO3998  R1 2 x 9ml
           R2 2 x 14ml
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

Randox Anti-Streptolysin O (Latex Enhanced Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 28 - 1314IU/ml

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: LP2116  R1 4 x 40ml (C)
           R2 4 x 17ml
LP3838   R1 4 x 30ml
           R2 4 x 12ml
LP8007   R1 2 x 8.6ml
           R2 2 x 4.8ml

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

Acusera Controls and Calibrators:
Liquid Lipid Control, 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
Apolipoprotein A-II ( Immunoturbidimetric)

Ordering Information
Cat. No: LP3867  R1 2 x 11ml  R2 2 x 5ml

Randox Apolipoprotein A-II ( Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 6.75 - 61.1mg/dl

Acusera Controls and Calibrators:
Apolipoprotein Control and Apolipoprotein Calibrator 2

Apolipoprotein B ( Immunoturbidimetric)

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

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

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
Lipid Programme

Apolipoprotein C-II ( Immunoturbidimetric)

Ordering Information
Cat. No: LP3866  R1 2 x 11ml  R2 2 x 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

RIQAS External Quality Assessment:
Lipid Programme
### Aspartate Aminotransferase (AST) (UV) (Mod. IFCC)

**Ordering Information**

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

- Liquid and lyophilised reagents available
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 4.42 - 657U/l

**Acusera Controls and Calibrators:**

Liquids 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

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### Apolipoprotein C-III (Immunoturbidimetric)

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- 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

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### Apolipoprotein E (Immunoturbidimetric)

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- 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

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### Apolipoprotein C-III (Immunoturbidimetric)

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<tbody>
<tr>
<td>LP3865</td>
<td>R1 2 x 11ml</td>
</tr>
<tr>
<td></td>
<td>R2 2 x 5ml</td>
</tr>
<tr>
<td></td>
<td>Randox Apolipoprotein C-III (Immunoturbidimetric)</td>
</tr>
</tbody>
</table>

- 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

---
**β₂ Microglobulin** (Immunoturbidimetric)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No:</th>
<th>R1</th>
<th>R2</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM3887</td>
<td>2 x 11ml</td>
<td>2 x 4.3ml</td>
</tr>
<tr>
<td>BM8016</td>
<td>2 x 11.6ml</td>
<td>2 x 4.9ml</td>
</tr>
</tbody>
</table>

**Randox β₂ Microglobulin** (Homogeneous Enzyme Immunoassay)

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

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

Specific Proteins Programme

---

**Bile Acids** (Colorimetric)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No:</th>
<th>R1</th>
<th>R2</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI7982</td>
<td>6 x 50ml</td>
<td>6 x 18ml (5th generation)</td>
</tr>
<tr>
<td>BI3863</td>
<td>2 x 18ml</td>
<td>2 x 8ml (5th generation)</td>
</tr>
<tr>
<td>BI2672</td>
<td>10 x 10ml</td>
<td>1 x 30ml</td>
</tr>
<tr>
<td>BI8150</td>
<td>2 x 17.7ml</td>
<td>2 x 8.9ml</td>
</tr>
</tbody>
</table>

**Randox Bile Acids** (Colorimetric)

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

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme
Bilirubin Direct

Ordering Information

Cat. No:  
BR2362  2 x 250ml  (Modified Jendrassik)
BR3807  R1 2 x 30ml  R2 8 x 4ml  (Jendrassik)
BR8035  R1 4 x 16ml  R2 8 x 4ml  (Jendrassik)
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)
BR8308  R1 4 x 20ml  R2 4 x 8ml  (Vanadate Oxidation Method)
BR8376  R1 4 x 20ml  R2 4 x 8ml  (Vanadate Oxidation Method)

Randox Bilirubin Direct

• Liquid and lyophilised reagents available
• Stable to expiry when stored at +15 to +25°C
• Measuring range 0.95 - 262µmol/l
• Indicates liquid option

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BR2361</td>
<td>2 x 250ml</td>
<td>(Modified Jendrassik)</td>
</tr>
<tr>
<td>BR3859</td>
<td>R1 2 x 50ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 8 x 4ml</td>
<td>(Jendrassik)</td>
</tr>
<tr>
<td>BR243</td>
<td>R1 1 x 100ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 2 x 100ml</td>
<td>(DCA)</td>
</tr>
<tr>
<td>BR8036</td>
<td>R1 2 x 50ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 8 x 4ml</td>
<td>(Jendrassik)</td>
</tr>
<tr>
<td>BR9766</td>
<td>R1 4 x 68ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 4 x 25ml</td>
<td>(Vanadate Oxidation Method)</td>
</tr>
<tr>
<td>BR411</td>
<td>1 x 225ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Total and Direct Bilirubin)</td>
<td></td>
</tr>
<tr>
<td>BR412</td>
<td>2 x 625ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Total and Direct Bilirubin)</td>
<td></td>
</tr>
<tr>
<td>BR4061</td>
<td>R1 4 x 20ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 4 x 8ml</td>
<td>(Vanadate Oxidation Method)</td>
</tr>
<tr>
<td>BR8132</td>
<td>R1 4 x 52.2ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 4 x 20ml</td>
<td>(Vanadate Oxidation Method)</td>
</tr>
<tr>
<td>BR8377</td>
<td>R1 4 x 20ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 4 x 8ml</td>
<td>(Vanadate Oxidation Method)</td>
</tr>
</tbody>
</table>

Randox Bilirubin Total

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

Acusera Controls and Calibrators:


RIQAS External Quality Assessment:

- General Clinical Chemistry Programme
**Calcium (CPC/AMP)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th></th>
<th>R1 1 x 100ml</th>
<th>R2 1 x 100ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA590</td>
<td></td>
<td>(S)</td>
<td></td>
</tr>
<tr>
<td>CA7941</td>
<td></td>
<td>R1 6 x 50ml</td>
<td>R2 3 x 50ml</td>
</tr>
</tbody>
</table>

**Randox Calcium (CPC/AMP)**

- Liquid ready-to-use reagents
- Open vial stability of 21 days
- Measuring range 0.075 - 5.67mmol/l

(S) Indicates standard included in the kit

**Acusera Controls and Calibrators:**

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

**RIQAS External Quality Assessment:**

- General Clinical Chemistry Programme

---

**Calcium (Arsenazo)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th></th>
<th>6 x 100ml</th>
<th>9 x 51ml</th>
<th>4 x 68ml</th>
<th>4 x 20ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA2390</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA3871</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA8021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA8309</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Randox Calcium (Arsenazo)**

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

**Acusera Controls and Calibrators:**

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

**RIQAS External Quality Assessment:**

- General Clinical Chemistry Programme
Carbamazepine (Latex Enhanced Immunoturbidimetric)

Ordering Information
Cat. No: TD3416
R1 2 x 12ml
R2 2 x 5ml

Randox Carbamazepine (Latex Enhanced Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 1.02 - 19.0µg/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, Specific Protein Control, Liquid Assayed Chemistry Premium Plus Control and Therapeutic Drug Calibrator

RIQAS External Quality Assessment:
Therapeutic Drugs Programme

Ceruloplasmin (Immunoturbidimetric)

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

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

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

RIQAS External Quality Assessment:
Specific Proteins Programme

Chloride (Mercurous (II) - Thiocyanate)

Ordering Information
Cat. No: CL1645
6 x 500ml

Randox Chloride (Mercurous (II) - Thiocyanate)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +15 to +25°C
- Measuring range 35.8 - 205mmol/l

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
Cholesterol Total \textit{(CHOD-PAP)}

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No:</th>
<th>CH200</th>
<th>CH201</th>
<th>CH202</th>
<th>CH3810</th>
<th>CH7945</th>
<th>CH8019</th>
<th>CH8310</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 x 30ml ((S))</td>
<td>6 x 100ml ((S))</td>
<td>8 x 250ml ((S))</td>
<td>9 x 51ml</td>
<td>9 x 50ml</td>
<td>4 x 68ml</td>
<td>4 x 20ml</td>
</tr>
</tbody>
</table>

**Randox Cholesterol Total \textit{(CHOD-PAP)}**

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8$^\circ$C
- Measuring range 0.22 - 21.7mmol/l

\textit{(S)} Indicates standard included in kit, and is for manual and semi-automated use only

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

Lipid Programme

---

Cholesterol HDL \textit{(Direct Clearance Method)}

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No:</th>
<th>CH1383</th>
<th>CH2652</th>
<th>CH2655</th>
<th>CH3811</th>
<th>CH8033</th>
<th>CH8311</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>R1 3 x 2.5L</td>
<td>R1 6 x 30ml</td>
<td>R1 6 x 78ml</td>
<td>R1 3 x 51ml</td>
<td>R1 4 x 38.2ml</td>
<td>R1 4 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 1 x 2.5L</td>
<td>R2 3 x 20ml</td>
<td>R2 3 x 52ml</td>
<td>R2 3 x 20ml</td>
<td>R2 4 x 18.2ml</td>
<td>R2 4 x 9ml</td>
</tr>
</tbody>
</table>

**Randox Cholesterol HDL \textit{(Direct Clearance Method)}**

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

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

Lipid Programme
Cholesterol HDL (Phosphotungstic Acid)

Ordering Information

Cat. No: CH203

4 x 80ml

(Precipitant)*

Randox Cholesterol HDL (Phosphotungstic Acid)

• Liquid ready-to-use reagents
• Stable to expiry date when stored at +15 to +25°C
• Measuring range 0.071 - 23.7mmol/l

Acusera Controls and Calibrators:
Liquid Lipid Control, Lipid Control and Cholesterol Standard

RIQAS External Quality Assessment:
Lipid Programme

Cholesterol HDL3 (Direct Clearance Method)

Ordering Information

Cat. No: CH10165

R1 1 x 20ml
R2 1 x 7.5ml

CH10163

R1 4 x 38.2ml
R2 4 x 18.2ml

CH8155

R1 1 x 20ml
R2 1 x 10ml

Randox Cholesterol HDL3 (Direct Clearance Method)

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

Acusera Controls and Calibrators:
HDL3 Control and HDL3 Calibrator

RIQAS External Quality Assessment:
Lipid Programme

Cholesterol LDL (Direct Clearance Method)

Ordering Information

Cat. No: CH2656

R1 6 x 78ml
R2 3 x 52ml

CH3841

R1 3 x 51ml
R2 3 x 20ml

CH8032

R1 4 x 19.2ml
R2 4 x 10.1ml

Randox Cholesterol LDL (Direct Clearance Method)

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

Acusera Controls and Calibrators:
Liquid Lipid Control, 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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>562616</td>
<td></td>
<td>R1 1 x 19.8ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 1 x 8.6ml</td>
</tr>
<tr>
<td>CH8153</td>
<td></td>
<td>R1 1 x 16.2ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 1 x 8.2ml</td>
</tr>
<tr>
<td>562760(U)</td>
<td></td>
<td>R1 1 x 18ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 1 x 7ml</td>
</tr>
<tr>
<td>562791*(U)</td>
<td></td>
<td>R1 5 x 200ml</td>
</tr>
<tr>
<td>562807*(U)</td>
<td></td>
<td>R2 2 x 200ml</td>
</tr>
</tbody>
</table>

Randox Cholesterol sdLDL (Clearance Method)

- Liquid ready-to-use reagents
- Open vial stability: 28 days at +2 to +8°C
- Measuring range 4 - 100mg/dl

(U) indicates for use in the USA only

(*) indicates that both kits must be purchased together

Acusera Controls and Calibrators:
sdLDL Control and sdLDL Calibrator

Cholinesterase (Butyryl) (Colorimetric)

Ordering Information

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE190</td>
<td></td>
<td>R1 5 x 30ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 5 x 1ml</td>
</tr>
<tr>
<td>CE7944</td>
<td></td>
<td>R1 6 x 40ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 6 x 9ml</td>
</tr>
</tbody>
</table>

Randox Cholinesterase (Butyryl) (Colorimetric)

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

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
**Randox CK-MB (Immunoinhibition) (UV)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK1296</td>
<td>19 x 2.5ml</td>
</tr>
<tr>
<td>CK1553</td>
<td>5 x 20ml</td>
</tr>
<tr>
<td>CK7946</td>
<td>R1 6 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 3 x 10ml</td>
</tr>
<tr>
<td>CK3813</td>
<td>R1 4 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 4 x 6ml</td>
</tr>
<tr>
<td>CK4043</td>
<td>R1 4 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 4 x 6ml</td>
</tr>
<tr>
<td>CK8148</td>
<td>R1 4 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 4 x 8ml</td>
</tr>
</tbody>
</table>

**Acusera Controls and Calibrators:**

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

**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme

---

**Randox CK-NAC (UV DGKC)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK110</td>
<td>20 x 2.5ml</td>
</tr>
<tr>
<td>CK522</td>
<td>10 x 10ml</td>
</tr>
<tr>
<td>CK3812</td>
<td>R1 4 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 4 x 6ml</td>
</tr>
<tr>
<td>CK7947</td>
<td>R1 6 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 3 x 10ml</td>
</tr>
<tr>
<td>CK3892</td>
<td>R1 4 x 16.5ml</td>
</tr>
<tr>
<td></td>
<td>R2 4 x 6.2ml (FCC)</td>
</tr>
<tr>
<td>CK8313</td>
<td>R1 4 x 20ml</td>
</tr>
<tr>
<td></td>
<td>R2 4 x 7ml</td>
</tr>
<tr>
<td>CK3878</td>
<td>R1a 6 x 16ml (FCC)</td>
</tr>
<tr>
<td></td>
<td>R1b 6 x 4ml</td>
</tr>
</tbody>
</table>

**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
### CO₂ Total (Enzymatic)

#### Ordering Information

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Quantity</th>
<th>Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD127</td>
<td>10 x 10ml (C)</td>
<td></td>
</tr>
<tr>
<td>CD4006</td>
<td>4 x 21.7ml (C)</td>
<td></td>
</tr>
<tr>
<td>CD8027</td>
<td>4 x 21.7ml (C)</td>
<td></td>
</tr>
<tr>
<td>CD8357</td>
<td>4 x 18 ml (C)</td>
<td></td>
</tr>
</tbody>
</table>

- **Randox CO₂ Total (Enzymatic)**
  - 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 - 50mmol/l
  - Indicates liquid option
  - (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:**

**RIQAS External Quality Assessment:**
- General Clinical Chemistry Programme

### Complement C3 (Immunoturbidimetric)

#### Ordering Information

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>R1 Quantity</th>
<th>R2 Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM3845</td>
<td>3 x 20ml</td>
<td>3 x 6ml</td>
</tr>
<tr>
<td>CM8023</td>
<td>2 x 9.6ml</td>
<td>2 x 4.2ml</td>
</tr>
</tbody>
</table>

- **Randox Complement C3 (Immunoturbidimetric)**
  - Liquid ready-to-use reagents
  - Stable to expiry date when stored at +2 to +8°C
  - Measuring range 13 - 502mg/dl

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

**RIQAS External Quality Assessment:**
- Specific Proteins Programme
Complement C4 (Immunoturbidimetric)

Ordering Information
Cat. No: CM3846
   R1 3 x 20ml
   R2 3 x 6ml
CM8024
   R1 2 x 9.6ml
   R2 2 x 4.2ml

Randox Complement C4 (Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 2.9 - 152mg/dl

Acusera Controls and Calibrators:
Specific Protein Control, Liquid 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

Copper (Colorimetric)

Ordering Information
Cat. No: CU2340
   R1 5 x 20ml (S)
   R2 1 x 30ml

Randox Copper (Colorimetric)
- Lyophilised reagents
- Stable for 2 weeks when stored at +2 to +8°C
- Measuring range 6.6 - 86µmol/l
(S) Indicates standard included in kit, and is for manual and semi-automated use only

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
Creatinine (JAFFE)

Ordering Information

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

Randox Creatinine (JAFFE)

• Liquid ready-to-use reagents
• Open vial stability 21 days at +2 to +8°C
• Measuring range 16 - 2448µmol/l
(S) Indicates standard included in kit, and is for manual and semi-automated use only

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Creatinine (Enzymatic UV)

Ordering Information

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

Randox Creatinine (Enzymatic UV)

• Liquid and lyophilised reagents available
• Measuring range 11.4 - 2460µmol/l
(S) Indicates standard included in kit, and is for manual and semi-automated use only
♦ Indicates liquid option

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
CRP (Immunoturbidimetric)

Ordering Information
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)

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

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
Cat. No: CP2798
R1 7 x 20ml (C)
R2 2 x 12ml

CP10389
R1 2 x 18.1ml (C)
R2 2 x 5ml

Randox CRP Canine (Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.8 - 22mg/dl
- (C) Indicates calibrator included in kit

Acusera Controls and Calibrators:
Canine CRP Controls

CRP Full Range (Latex Enhanced Immunoturbidimetric)

Ordering Information
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

Randox CRP Full Range (Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.3 - 161mg/l

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
CRP High Sensitivity (Latex Enhanced Immunoturbidimetric)

Ordering Information
Cat. No: CP3885
- R1: 2 x 11ml
- R2: 2 x 11ml

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 0.270 - 10mg/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 (Latex Enhanced Immunoturbidimetric)

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

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 - 10mg/l

Acusera Controls and Calibrators:
Cystatin C Control and Cystatin C Calibrator

Digoxin (Latex Enhanced Immunoturbidimetric)

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

Randox Digoxin (Latex Enhanced Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.371 - 5.46ng/ml

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
Therapeutic Drugs Programme
**Ethanol** (Enzymatic)

**Ordering Information**
- Cat. No: DA4015
  - R1 2 x 16.9ml
  - R2 2 x 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

---

**Ferritin** (Latex Enhanced Immunoturbidimetric)

**Ordering Information**
- 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 12.2ml
  - R2 1 x 7.4ml

**Randox Ferritin** (Latex Enhanced Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 5.08 - 443ng/ml

**Acusera Controls and Calibrators:**

**RIQAS External Quality Assessment:**
- Specific Proteins Programme

---

**Fructosamine** (Glycated Protein) (Enzymatic)

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

**Randox Fructosamine** (Glycated Protein) (Enzymatic)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 8.12 - 1803µmol/l

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

**RIQAS External Quality Assessment:**
- General Clinical Chemistry Programme
### G6PDH (UV)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD410</td>
<td>Lyophilised reagents</td>
<td>R1 1 x 100ml, R2 1 x 2ml</td>
</tr>
<tr>
<td>PD2616</td>
<td>750 T (Screen Test)</td>
<td></td>
</tr>
</tbody>
</table>

**Randox G6PDH (UV)**

- Lyophilised reagents
- Measuring range 154 - 4303U/l
- Stable for 4 weeks following reconstitution when stored at +2°C to +8°C

**Acusera Controls and Calibrators:**

- G6PDH Control

### Gamma GT (Colorimetric)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT523</td>
<td>Liquid and lyophilised reagents available</td>
<td>10 x 10ml</td>
</tr>
<tr>
<td>GT2750</td>
<td>Stable to expiry date when stored at +2 to +8°C</td>
<td>20 x 3ml</td>
</tr>
<tr>
<td>GT3817</td>
<td>Measuring range 3.9 - 1285U/l</td>
<td>R1 6 x 51ml, R2 6 x 14ml</td>
</tr>
<tr>
<td>GT3874</td>
<td>Indicates liquid option</td>
<td>6 x 21ml</td>
</tr>
<tr>
<td>GT7955</td>
<td>Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Plus Control and Clinical Chemistry Calibration Serum</td>
<td>R1 7 x 50ml, R2 2 x 40ml</td>
</tr>
<tr>
<td>GT8320</td>
<td>R1 4 x 20ml</td>
<td>R2 4 x 7ml (Mod. IFCC)</td>
</tr>
<tr>
<td>GT8146</td>
<td>R1 7 x 20ml</td>
<td>R2 7 x 8ml</td>
</tr>
</tbody>
</table>

**Randox Gamma GT (Colorimetric)**

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

**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

### Gentamicin (Latex Enhanced Immunoturbidimetric)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD3413</td>
<td>Liquid ready-to-use reagents</td>
<td>R1 2 x 15ml, R2 2 x 6ml</td>
</tr>
</tbody>
</table>

**Randox Gentamicin (Latex Enhanced Immunoturbidimetric)**

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.847 - 11µg/ml

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

- Therapeutic Drugs Programme
GLDH (UV) (DGKC)

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

Randox GLDH (UV) (DGKC)
- Lyophilised reagents
- Stable to expiry when stored at +2 to +8 °C
- Measuring range 2.90 - 77.3 U/l

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Glucose (GOD-PAP & Hexokinase)

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

Randox Glucose (GOD-PAP & Hexokinase)
- Liquid and lyophilised reagents
- Stable to expiry at +2 to +8°C
- Measuring range 0.200 - 35.5mmol/l
(S) Indicates standard included in kit, and is for manual and semi-automated use only
 Indicates liquid option

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
Glutamate (Colorimetric)

Ordering Information
Cat. No: GM1372 4 x 20ml

Randox Glutamate (Colorimetric)
• Lyophilised reagents
• Stable to expiry when stored at +2 to +8°C
• Measuring range 0.11 - 10mmol/l
• For Biotechnology Industrial Use Only. Not for use in diagnostic procedures.

Acusera Controls and Calibrators:
Multi-control and Multi-calibrator

Glutamine (Colorimetric)

Ordering Information
Cat. No: GM1373 R1 4 x 16ml  R2 4 x 6.7ml

Randox Glutamine (Colorimetric)
• Lyophilised reagents
• Stable to expiry when stored at +2 to +8°C
• Measuring range 0.14 - 10mmol/l
• For Biotechnology Industrial Use Only. Not for use in diagnostic procedures.

Acusera Controls and Calibrators:
Glutamine Control and Glutamine Calibrator

Glutathione Peroxidase (Ransel) (Enzymatic)

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

Randox Glutathione Peroxidase (Ransel) (Enzymatic)
• Lyophilised reagents
• Working reagent stable for 48 hours at +2 to +8°C
• Measuring range 75 - 925U/l

Acusera Controls and Calibrators:
Glutathione Peroxidase (Ransel) Control

Glutathione Reductase (UV)

Ordering Information
Cat. No: GR2368  R1 5 x 5ml  R2 5 x 3ml

Glutathione Reductase (UV)
• Lyophilised reagents
• Working reagent stable for 2 days when stored at +2 to +8°C
• Measuring range 9.69 - 387U/l

Acusera Controls and Calibrators:
Glutathione Reductase Control and Glutathione Reductase Calibrator
Glycerol (GPO-PAP)

Ordering Information
Cat. No: GY105 6 x 15ml (S)

Randox Glycerol (GPO-PAP)
- 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)

Ordering Information
Cat. No: HG1539 5 x 100ml

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

Acusera Controls and Calibrators:
HbA1c Control and HbA1c Calibrator Series

RIQAS External Quality Assessment:
Glycated Haemoglobin Programme

Haptoglobin (Immunoturbidimetric)

Ordering Information
Cat. No: HP3886 R1 1 x 12ml
R2 1 x 3.825ml
HP8151 R1 2 x 10.2ml
R2 2 x 4.2ml

Randox Haptoglobin (Immunoturbidimetric)
- Liquid reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 0.13 - 3.68g/l
 Indicates liquid option

Acusera Controls and Calibrators:
Specific Protein Control, Liquid 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
HbA1c  Indirect (Latex Enhanced Immunoturbidimetric)

Ordering Information

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

Randox HbA1c  Indirect (Latex Enhanced Immunoturbidimetric)

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

Acusera Controls and Calibrators:
HbA1c Control Set, Liquid HbA1c Control and HbA1c Calibrator Series

RIQAS External Quality Assessment:
Glycated Haemoglobin Programme

HbA1c II Direct (Latex Immunoagglutination)

Ordering Information

Cat. No:   HA8123  R1  4 x 16.2ml
           R2  2 x 8.2ml
HA8379    R1  4 x 12.7ml
           R2  4 x 6ml
HA4068    R1  4 x 20ml
           R2  4 x 8.6ml

Randox HbA1c II Direct (Latex Immunoagglutination)

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

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

Ordering Information

Cat. No:   FB4025  R1  1 x 19ml
           R2  1 x 7ml

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

- Liquid ready-to-use reagents
- Stable to expiry at +2 to +8°C
- Measuring range 0.747 - 120ng/ml

Acusera Controls and Calibrators:
H-FABP Control Set and H-FABP Calibrator
**Homocysteine (Enzymatic)**

**Ordering Information**

Cat. No: HY4036

- R1 2 x 21.7ml (C)
- R2 2 x 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

(C) Indicates calibrator included in kit

**Acusera Controls and Calibrators:**

Tri-Level Cardiac Control

**RIQAS External Quality Assessment:**

Cardiac Programme

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

**Ordering Information**

Cat. No: RB1007

- 10 x 10ml (S)

Cat. No: RB1008

- 10 x 50ml (S)

Cat. No: RB4067

- R1 2 x 20ml
- R2 2 x 5.8ml

Cat. No: RB8378

- R1 2 x 20ml
- R2 2 x 6.1ml

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

- Liquid and lyophilised options available
- Measuring range 0.100 - 5.75mmol/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:**


**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme

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**IgA (Immunoturbidimetric)**

**Ordering Information**

Cat. No: IA3832

- R1 3 x 20ml
- R2 3 x 14ml

Cat. No: IA8046

- R1 5 x 8.7ml
- R2 5 x 3.9ml

**Randox IgA (Immunoturbidimetric)**

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

**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

Cat. No: IE7308
R1 1 x 8ml
R2 1 x 5ml

IE8152
R1 1 x 8.7ml
R2 1 x 5.7ml

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

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
Specific Proteins Programme

IgG (Immunoturbidimetric)

Ordering Information

Cat. No: IG3833
R1 3 x 20ml
R2 3 x 14ml

IG3898
R1 4 x 20ml (HS)
R2 4 x 6.5ml

IG8044
R1 4 x 8.7ml
R2 4 x 3.9ml

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

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
Specific Proteins Programme
**IgM (Immunoturbidimetric)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>IM3834</td>
<td>3 x 20ml</td>
<td></td>
</tr>
<tr>
<td>IM8045</td>
<td>R1 4 x 8.7ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 4 x 3.9ml</td>
<td></td>
</tr>
<tr>
<td>IM7977</td>
<td>8 x 20ml</td>
<td></td>
</tr>
</tbody>
</table>

**Randox IgM (Immunoturbidimetric)**

- Liquid ready-to-use reagents
- Stable to expiry date at +2 to +8°C
- Measuring range 12.8 - 346mg/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, Specific Protein Calibrator and Immunoglobulin Calibrators

**RIQAS External Quality Assessment:**
Specific Proteins Programme

---

**Iron (Ferrozine)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Volume</th>
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</thead>
<tbody>
<tr>
<td>SI3821</td>
<td>6 x 20ml</td>
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</tr>
<tr>
<td>SI7967</td>
<td>R1 7 x 50ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 2 x 42ml</td>
<td></td>
</tr>
<tr>
<td>SI8049</td>
<td>R1 7 x 15.5ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 7 x 6.7ml</td>
<td></td>
</tr>
<tr>
<td>SI8330</td>
<td>R1 4 x 20ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R2 4 x 7ml</td>
<td></td>
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</tbody>
</table>

**Randox Iron (Ferrozine)**

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

**Acusera Controls and Calibrators:**

**RIQAS External Quality Assessment:**
General Clinical Chemistry Programme

---

**Iron (Ferene)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Volume</th>
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</thead>
<tbody>
<tr>
<td>SI257</td>
<td>2 x 100ml (S)</td>
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</tbody>
</table>

**Randox Iron (Ferene)**

- Lyophilised reagents
- Measuring range 0.964 - 150µmol/l

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

**Acusera Controls and Calibrators:**

**RIQAS External Quality Assessment:**
General Clinical Chemistry Programme
## L-Lactate (Colorimetric)

### Ordering Information

<table>
<thead>
<tr>
<th>Cat. No:</th>
<th>Description</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC2389</td>
<td>Lyophilised reagents</td>
<td>16 x 6ml (S)</td>
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<tr>
<td>LC3980</td>
<td>Working reagent stable for 2 weeks at +15 to +25°C</td>
<td>4 x 20.5ml</td>
</tr>
</tbody>
</table>

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

### Acusera Controls and Calibrators:


### RIQAS External Quality Assessment:

General Clinical Chemistry Programme

## Lactate Dehydrogenase (LD) Lactate - Pyruvate (NAD)

### Ordering Information

<table>
<thead>
<tr>
<th>Cat. No:</th>
<th>Description</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD3842</td>
<td>Liquid ready-to-use reagents</td>
<td>R1 6 x 20ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 3 x 18ml</td>
</tr>
<tr>
<td>LD7963</td>
<td>Stable to expiry at +2 to +8°C</td>
<td>R1 7 x 100ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 3 x 100ml</td>
</tr>
<tr>
<td>LD8052</td>
<td>Measuring range 8.8 - 635U/l</td>
<td>R1 4 x 68ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 4 x 37.2ml</td>
</tr>
<tr>
<td>LD8323</td>
<td></td>
<td>R1 4 x 15ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2 4 x 8.5ml</td>
</tr>
</tbody>
</table>

### Acusera Controls and Calibrators:


### RIQAS External Quality Assessment:

General Clinical Chemistry Programme
<table>
<thead>
<tr>
<th>Lactate Dehydrogenase (LD) Pyruvate - Lactate (UV)</th>
<th>Randox Lactate Dehydrogenase (LD) Pyruvate - Lactate (UV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordering Information</td>
<td>• Liquid and lyophilised reagents available</td>
</tr>
<tr>
<td>Cat. No:</td>
<td>• Stable to expiry date at +2 to +8°C</td>
</tr>
<tr>
<td>LD401  20 x 3ml</td>
<td>• Measuring range 42.3 - 1191U/l</td>
</tr>
<tr>
<td>LD3818 R1 6 x 20ml ♦ R2 3 x 11ml</td>
<td>♦ Indicates liquid option</td>
</tr>
<tr>
<td>LD8051 R1 6 x 56ml ♦ R2 6 x 20ml</td>
<td></td>
</tr>
<tr>
<td>LD8322 R1 4 x 20ml ♦ R2 4 x 7ml</td>
<td></td>
</tr>
</tbody>
</table>

| Acusera Controls and Calibrators:             | Randox Lipase (Colorimetric)                            |

| RIQAS External Quality Assessment:           | Randox Lipase (Colorimetric)                            |
| General Clinical Chemistry Programme         | • Liquid ready-to-use reagents                          |
|                                             | • Stable to expiry when stored at +2 to +8°C            |
|                                             | • Measuring range 2 - 744U/l                            |
|                                             | ♦ Indicates liquid option                                |

| Lipase (Colorimetric)                        | Acusera Controls and Calibrators:                       |

| RIQAS External Quality Assessment:           | Acusera Controls and Calibrators:                       |
**Lithium (Colorimetric)**

**Ordering Information**

| Cat. No. |  
|----------|----------|
|          | R1 2 x 18.3ml | R2 2 x 6.5ml |
| LM4005   | 3 x 100ml    |

**Randox Lithium (Colorimetric)**

- Liquid ready-to-use reagents
- Measuring range 0.218 - 3mmol/l
- Stable to expiry date at +2 to +8°C

**Acusera Controls and Calibrators:**

- Liquid Lipid Control, 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 (Xylylyl Blue)**

**Ordering Information**

| Cat. No. |  
|----------|----------|
|          | R1 4 x 20ml | R2 2 x 16.5ml |
| MG531    | 3 x 100ml   |
| MG3880   | 6 x 20ml    |
| MG8137   | 2 x 16.5ml  |

**Randox Magnesium (Xylylyl Blue)**

- 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:**


**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme

---

**Lipoprotein (a) (Latex Enhanced Immunoturbidimetric)**

**Ordering Information**

| Cat. No. |  
|----------|----------|
|          | R1 1 x 30ml | R2 1 x 15ml |
| LP2757   | 2 x 18.3ml  |
|          | R1 1 x 10ml | R2 1 x 6ml  |
| LP3403   | 2 x 8.7ml   |
|          | R1 2 x 6ml  |

**Randox Lipoprotein (a) (Latex Enhanced Immunoturbidimetric)**

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

**Acusera Controls and Calibrators:**

- Liquid Lipid Control, 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
Microalbumin (Immunoturbidimetric)

Ordering Information

Cat. No: 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

MA8325
R1 1 x 20ml
R2 1 x 4.6ml

MA4072
R1 3 x 20ml
R2 3 x 7.5ml

MA8388
R1 1 x 20ml
R2 1 x 7.8ml

MA8160
R1 2 x 20ml
R2 2 x 9ml

Randox Microalbumin (Immunoturbidimetric)

• Peg Enhanced Immunoturbidimetric
• Liquid ready-to-use reagents
• Stable to expiry date at +2 to +8°C
• Measuring range of 4.06 - 396mg/l

(C) Indicates calibrator included in kit

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

Myoglobin (Latex Enhanced Immunoturbidimetric)

Ordering Information

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

Randox Myoglobin (Latex Enhanced Immunoturbidimetric)

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

Acusera Controls and Calibrators:
Tri-Level Cardiac Control, Liquid Chemistry Premium Plus Control, Precision Chemistry Premium Plus Control, Liquid Assayed Chemistry Premium Plus Control and Myoglobin Calibrator Series

RIQAS External Quality Assessment:
Cardiac Programme, Liquid Cardiac Programme
Non-Esterified Fatty Acids (NEFA) (Colorimetric)

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

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
(C) Indicates calibrator included in kit

Acusera Controls and Calibrators:
Assayed Chemistry Premium Plus Control and Precision Chemistry Premium Plus Control

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Phenobarbital (Latex Enhanced Immunoturbidimetric)

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

Randox Phenobarbital (Latex Enhanced Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 2.55 - 87.7 µg/ml

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
Therapeutic Drugs Programme

Phenytoin (Latex Enhanced Immunoturbidimetric)

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

Randox Phenytoin (Latex Enhanced Immunoturbidimetric)
- 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:

RIQAS External Quality Assessment:
Therapeutic Drugs Programme
### Phosphorus (Inorganic)(UV)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH1016</td>
<td>300ml (S)</td>
</tr>
<tr>
<td>PH3820</td>
<td>R1 6 x 20ml, R2 3 x 20ml</td>
</tr>
<tr>
<td>PH3872</td>
<td>6 x 20ml</td>
</tr>
<tr>
<td>PH7965</td>
<td>R1 6 x 50ml, R2 3 x 50ml</td>
</tr>
<tr>
<td>PH8048</td>
<td>R1 6 x 68ml, R2 6 x 40.3ml</td>
</tr>
<tr>
<td>PH8328</td>
<td>R1 4 x 12.7ml, R2 4 x 7.1ml</td>
</tr>
</tbody>
</table>

**Randox Phosphorus (Inorganic)(UV)**

- Liquid ready-to-use reagents
- Stable to expiry date when stored at +15 to +25°C
- Measuring range 0.065 - 10mmol/l in serum / plasma

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

**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

### Potassium (UV)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT3852</td>
<td>R1 3 x 20ml, R2 3 x 9ml</td>
</tr>
<tr>
<td>PT7168</td>
<td>R1 4 x 50ml (S), R2 2 x 43ml</td>
</tr>
<tr>
<td>PT8329</td>
<td>R1 4 x 10ml, R2 4 x 6ml</td>
</tr>
</tbody>
</table>

**Randox Potassium (UV)**

- Lyophilised reagents
- Working reagent stable for 7 days at +2 to +8°C
- Measuring range 0.8 - 10mmol/l

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

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme

### Pregnancy Test (Immunoassay)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG2942</td>
<td>30T (Rapid)</td>
</tr>
</tbody>
</table>

**Randox Pregnancy Test (Immunoassay)**

- Measuring range 25 - 2,000,000mlU/ml hCG
- Stable to expiry when stored sealed at +2 to +30°C
- Excellent sensitivity 25 mlU/ml
**Rheumatoid Factor** (Latex Enhanced Immunoturbidimetric)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>R1</th>
<th>R2</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF3836</td>
<td>2 x 20ml</td>
<td>2 x 8ml</td>
</tr>
<tr>
<td>RF7980</td>
<td>2 x 15ml</td>
<td>1 x 10ml</td>
</tr>
<tr>
<td>RF2716</td>
<td>1 x 100T (Glass latex slide test)</td>
<td></td>
</tr>
<tr>
<td>RF8063</td>
<td>2 x 8.7ml</td>
<td>2 x 4.7ml</td>
</tr>
<tr>
<td>RF8345</td>
<td>1 x 11.7ml</td>
<td>1 x 5.7ml</td>
</tr>
</tbody>
</table>

**Randox Rheumatoid Factor** (Latex Enhanced Immunoturbidimetric)

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

**Acusera Controls and Calibrators:**

Specific Protein Control and Rheumatoid Factor Calibrator Series

**RIQAS External Quality Assessment:**

Specific Proteins Programme

---

**Sodium** (Enzymatic)

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>R1</th>
<th>R2</th>
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<tbody>
<tr>
<td>NA3851</td>
<td>3 x 20ml</td>
<td>3 x 9ml</td>
</tr>
<tr>
<td>NA7167</td>
<td>4 x 45ml (S)</td>
<td>2 x 39ml</td>
</tr>
<tr>
<td>NA8327</td>
<td>4 x 10ml</td>
<td>4 x 6ml</td>
</tr>
</tbody>
</table>

**Randox Sodium** (Enzymatic)

- 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 - 187.8mmol/l

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

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme

---

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

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>R1</th>
<th>R2</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF10159</td>
<td>1 x 9ml</td>
<td>1 x 5.8ml</td>
</tr>
</tbody>
</table>

**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 0.50 - 11.77mg/L

**Acusera Controls and Calibrators:**

sTfR control and sTfR calibrator
Superoxide Dismutase (Ransod)(Colorimetric)

Ordering Information
Cat. No: SD125 5 x 20ml (S)

Randox Superoxide Dismutase (Ransod)(Colorimetric)
- 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 (TPHA) (Indirect Haemagglutination)

Ordering Information
Cat. No: SY1480 100T
SY1481 200T

Randox Syphilis (TPHA) (Indirect Haemagglutination)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Qualitative or quantitative results

Acusera Controls and Calibrators:
ToRCH Negative Control, ToRCH Positive, Control and Serology Negative Control, Serology 1 Positive Control

RIQAS External Quality Assessment:
Serology (Syphilis) Programme

sPLA₂-IIA (Latex Enhanced Immunoturbidimetric)

Ordering Information
Cat. No: PLA8380 R1 1 x 12.7ml
R2 1 x 12.7ml

Randox sPLA₂-IIA (Latex Enhanced Immunoturbidimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C

Acusera Controls and Calibrators:
sPLA₂-IIA Controls, sPLA₂-IIA Calibrator
Total Antioxidant Status (TAS) (Colorimetric)

Ordering Information
Cat. No: NX2332 5 x 10ml (S)

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 2.50nmol/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 Calibrator

Total Iron Binding Capacity (Colorimetric)

Ordering Information
Cat. No: TI1010 R1 1 x 100ml
R2 2 x 10g
TI4064 R1 4 x 9ml
R2 4 x 4ml
TI8065 R1 4 x 8.7ml
R2 4 x 4.9ml
TI8375 R1 4 x 10ml
R2 4 x 5.1ml

Randox Total Iron Binding Capacity (Colorimetric)
- Liquid ready-to-use reagents
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 57.7 - 672µg/dl

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Total Protein (Biuret)

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

Randox Total Protein (Biuret)
- Liquid ready-to-use reagents
- Stable to expiry at +15 to +25°C
- Measuring range 2.45 - 150g/l

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

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
**Transferrin (Immunoturbidimetric)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>R1</th>
<th>R2</th>
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<tbody>
<tr>
<td>TF7197</td>
<td>6 x 20ml</td>
<td>2 x 15ml</td>
</tr>
<tr>
<td>TF3831</td>
<td>6 x 20ml</td>
<td>3 x 14ml</td>
</tr>
<tr>
<td>TF8068</td>
<td>4 x 8.7ml</td>
<td>4 x 4.4ml</td>
</tr>
</tbody>
</table>

**Randox Transferrin (Immunoturbidimetric)**

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

---

**Transthyretin (Prealbumin) (Immunoturbidimetric)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>R1</th>
<th>R2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA3843</td>
<td>6 x 20ml</td>
<td>3 x 11ml</td>
</tr>
</tbody>
</table>

**Randox Transthyretin (Prealbumin) (Immunoturbidimetric)**

- 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 - 65mg/dl

**Acusera Controls and Calibrators:**

Specific Protein Control, Liquid 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:       TR210  6 x 15ml (S)
               TR213  10 x 50ml (S)
               TR1697 4 x 100ml
               TR3823 6 x 51ml
               TR8067 4 x 58ml
               TR9780 4 x 58ml
               TR8332 4 x 20ml ♦
               TR8147 8 x 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
- Measuring range 0.1 - 13.4mmol/l

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

Acusera Controls and Calibrators:
Liquid Lipid Control, 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 (Kinetic)

Ordering Information

Cat. No:       UR221  10 x 50ml (S)
               (3 minute read)
               UR466  10 x 50ml (S)
               (1 minute read)
               UR457  10 x 50ml (S)
               (1 minute read, High Sensitivity)

Randox Urea (Kinetic)

- Lyophilised for enhanced stability
- Stable to expiry date when stored at +2 to +8°C
- Measuring range 0.866 - 56.7mmol/l in serum / plasma

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

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

RIQAS External Quality Assessment:
General Clinical Chemistry Programme
**Urea (Berthelot)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>UR107</td>
<td>5 x 100ml (S)</td>
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<tr>
<td>UR1068</td>
<td>170ml (S) (manual only)</td>
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</tbody>
</table>

**Randox Urea (Berthelot)**

- Liquid ready-to-use reagents
- Working reagent stable for 1 month at +2 to +8°C
- Measuring range 1.59 - 40mmol/l in serum / plasma

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

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme

---

**Urea (Enzymatic Kinetic)**

**Ordering Information**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>UR3825</td>
<td>R1 6 x 51ml</td>
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<tr>
<td></td>
<td>R2 4 x 20ml</td>
</tr>
<tr>
<td>UR7976</td>
<td>R1 5 x 100ml</td>
</tr>
<tr>
<td></td>
<td>R2 5 x 60ml</td>
</tr>
<tr>
<td>UR9729</td>
<td>R1 6 x 66ml</td>
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<tr>
<td></td>
<td>R2 6 x 43ml</td>
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<tr>
<td>UR9781</td>
<td>R1 6 x 68ml</td>
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<tr>
<td></td>
<td>R2 6 x 44ml</td>
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<td>UR3873</td>
<td>R1 6 x 17.5ml</td>
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<td>R2 6 x 3.5ml</td>
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<td>UR8334</td>
<td>R1 4 x 20ml</td>
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<td>R2 4 x 7ml</td>
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<td>UR8070</td>
<td>R1 6 x 56ml</td>
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<td></td>
<td>R2 6 x 20ml</td>
</tr>
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</table>

**Randox Urea (Enzymatic Kinetic)**

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

(♦) Indicates liquid option

**Acusera Controls and Calibrators:**


**RIQAS External Quality Assessment:**

General Clinical Chemistry Programme
Uric Acid (Enzymatic Colorimetric)

Ordering Information

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
           UA8069 R1 6 x 56ml
                   R2 6 x 20ml
           UA8333 R1 4 x 20ml
                   R2 4 x 7ml

Randox Uric Acid (Enzymatic Colorimetric)

- Liquid and lyophilised reagents available
- Stable to expiry date when stored unopened protected from light
- Measuring range 20.8 - 1376µmol/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:

RIQAS External Quality Assessment:
General Clinical Chemistry Programme

Urinary Protein (Colorimetric)

Ordering Information

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

Randox Urinary Protein (Colorimetric)

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

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 x 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 - 159µg/ml

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
Therapeutic Drugs Programme

Zinc (Colorimetric)

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

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

Acusera Controls and Calibrators:

RIQAS External Quality Assessment:
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.: BR3807  BR : Bilirubin
       CA7941  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 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.

Freedom of choice from an independent manufacturer

Visit 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.: IG7158, AP7927

**Hitachi 917 / Modular P analysers**
Catalogue codes with 3rd and 4th digits starting with 97  E.g.: TR9728

**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, AM8112

**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**

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 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.

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

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

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If your analyser is not listed here please contact applications@randox.com

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

Exceptions apply. Please contact your local Randox representative for confirmation.
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### HITACHI 717/911/912

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*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.*

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**MINDRAY BS SERIES**

- Acetic Acid
- Adiponectin
- Albumin
- Aldolase
- Alkaline Phosphatase
- ALT
- Ammonia
- Amylase
- Apolipoprotein A-I
- Apolipoprotein B
- ASO
- AST
- ß2 Microglobulin
- Bile Acids
- Bilirubin
- Calcium
- Ceruloplasmin
- CRP
- CRP Canine

**HITACHI 917 / MODULAR P**

- Ceruloplasmin
- Chloride
- Cholesterol Total
- Cholesterol HDL
- Cholesterol LDL
- Cholesterol LDL
- Cholestesterase (Butyryl)
- CK-MB
- CK-NAC
- CO2 Total
- Complement C3
- Complement C4
- Copper
- Creatinine
- CRP
- CRP Canine

**ORTHOR VITROS 5600/ ORTHO VITROS 5/ ORTHO I FS/ ORTHO 4600**

- Adiponectin
- Aldolase
- Ammonia
- Amylase
- Amylase Pancreatic
- Apolipoprotein A-II
- Apolipoprotein B
- ASO
- ß2 Microglobulin
- Bile Acids
- Bilirubin Direct
- Cholesterol Total
- Cholesterol HDL
- Cholesterol LDL
- CRP
- CRP Full Range
- CRP High Sensitivity
- Cystatin C
- D-3 Hydroxybutyrate (Ranbut)
- Ethanol
- Ferritin
- Fructosamine (Glycated Protein)
- G6PDH
- Gamma GT
- Gentamicin
- GLDH
- Glucose
- Glucose / Fructose
- Glutamate
- Glutamine
- Glutathione Peroxidase (Ransel)
- Hemoglobin
- HbA1c
- H-FABP
- Homocysteine
- IgA
- IgE
- IgG
- IgM
- Iron
- L-Lactate
- Lactate – Pyruvate
- Lipase
- Lipoprotein (a)
- Lithium
- Magnesium
- Microalbumin
- Myoglobin
- NEFA
- Phenobarbital
- Phenytoin
- Phosphorus
- Potassium
- Rheumatoid Factor (RF)
- Sodium
- Total Antioxidant Status
- Total Iron Binding Capacity (TIBC)
- Total Iron Binding Capacity (TIBC)
- Total Protein
- Transferrin
- Transylatem (Prealbumin)
- Triglycerides
- Urea
- Uric Acid
- Urinary Protein
- Valproic Acid
- Zinc

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<td></td>
</tr>
<tr>
<td>Aldolase</td>
<td>Calcium</td>
<td>Copper</td>
<td>Ferritin</td>
<td></td>
</tr>
<tr>
<td>Alkaline Phosphatase</td>
<td>Ceramazepine</td>
<td>Complement C3</td>
<td>Fructosamine (Glycated Protein)</td>
<td></td>
</tr>
<tr>
<td>ALT</td>
<td>Ceruloplasmin</td>
<td>Complement C4</td>
<td>Gamma GT</td>
<td></td>
</tr>
<tr>
<td>Ammonia</td>
<td>Chloride</td>
<td>Creatinine</td>
<td>G6PDH</td>
<td></td>
</tr>
<tr>
<td>Amylase</td>
<td>Cholesterol Total</td>
<td>CRP</td>
<td>Gentamicin</td>
<td></td>
</tr>
<tr>
<td>Apolipoprotein A-I</td>
<td>Cholesterol HDL</td>
<td>CRP Canine</td>
<td>GLDH</td>
<td></td>
</tr>
<tr>
<td>Apolipoprotein C-II</td>
<td>Cholesterol HDL.3</td>
<td>Ferritin</td>
<td>Glucose</td>
<td></td>
</tr>
<tr>
<td>Apolipoprotein C-III</td>
<td>Cholesterol LDL.3</td>
<td>Gamma GT</td>
<td>Glutamate</td>
<td></td>
</tr>
<tr>
<td>Apolipoprotein E</td>
<td>Cholesterol LDL</td>
<td>Cystatin C</td>
<td>Glutathione Peroxidase</td>
<td></td>
</tr>
<tr>
<td>ASO</td>
<td>Cholesteryl (Butyryl)</td>
<td>D-3 Hydroxybutyrate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If your analyser is not listed here please contact applications@randox.com

Exceptions apply. Please contact your local Randox representative for confirmation.
PENTRA 400

Magnesium
Malic Acid
Microalbumin
NEFA
Phenobarbital
Phosphorus
Potassium
Rheumatoid Factor (RF)
Sodium
Superoxide Dismutase (Ransod)
Total Antioxidant Status
Triglycerides
Uric Acid
Urea
Urinary Protein
Valproic Acid

SIEMENS DIMENSION RXL/XPAND

Albumin
Aldolase
ALT
Amylase
Apolipoprotein A-I
Apolipoprotein B
ASO
Bile Acids
Ceruloplasmin
Cholesterol
CK-MB
Complement C3
Complement C4
Creatinine
CRP
CRP Canine
D-3 Hydroxybutyrate (Ranbut)
Fructosamine (Glycated Protein)
G6PDH
GLDH
Glucose
Glutathione Reductase
Glycerol
Haptoglobin
Iron
L-Lactate
LD
Lipase
Lipoprotein (a)
Myoglobin
NEFA
Phosphorus
Rheumatoid Factor (RF)
Superoxide Dismutase

THERMO KONELAB 20I/30I/60I

Acetic Acid
Adiponectin
Albumin
Aldolase
Alkaline Phosphatase
ALT
Ammonia
Amylase
Apolipoprotein A-I
Apolipoprotein A-II
Apolipoprotein B
Apolipoprotein C-II
Apolipoprotein C-III
Apolipoprotein E
ASO
AST
β2 Microglobulin
Bile Acids
Bilirubin
Calcium
Carbamazepine
Chloride
Cholesterol Total
Cholesterol HDL
Cholesterol LDL
Cholesterol vLDL
Cholinesterase (Butyryl)
CK-MB
CK-NAC
CO2 Total
Complement C3
Complement C4
Copper
Creatinine
CRP
CRP Canine
CRP Full Range
CRP High Sensitivity
Cystatin C
D-3 Hydroxybutyrate (Ranbut)
Digoxin
ETG
Ethanol
Fructosamine (Glycated Protein)
Free Sulphites
G6PDH
Gamma GT
Gentamicin
GLDH
Glucose
Glutamate
Glutathione Peroxidase (Ransel)
Glutathione Reductase
Glycerol
HbA1c
H-FABP
Homocysteine
IgA
IgE
IgG
IgM
Iron
L-Lactate
LD Pyruvate – Lactate
LD Lactate – Pyruvate
Lipase
Lipoprotein (a)
Lithium
Magnesium
Malic Acid
Microalbumin
Myoglobin
NEFA
Phenobarbital
Phenytoin
Phosphorus
Potassium
Primary Amino Nitrogen
Rheumatoid Factor (RF)
Sodium
Superoxide Dismutase (Ransod)
Total Antioxidant Status (TAS)
Total Iron Binding Capacity (TIBC)
Total Protein
Transferrin
Urinary Protein
Valproic Acid
Zinc

If your analyser is not listed here please contact applications@randox.com
Exceptions apply. Please contact your local Randox representative for confirmation.
## VITALAB FLEXOR/SELECTRA E/ SELECTRA II

| Acetic Acid | Albumin | Aldolase | Alkaline Phosphatase | ALT | Ammonia | Amylase | Apolipoprotein A-I | Apolipoprotein A-I I | Apolipoprotein B | Apolipoprotein C-II | Apolipoprotein E | ASO | ß2 Microglobulin | Bile Acids | Bilirubin | Calcium | Carbamazepine | Chloride | Cholesterol Total | Cholesterol HDL | Cholesterol LDL | Cholinesterase (Butyryl) | CK-MB | CK-NAC | CO2 Total | Complement C3 | Complement C4 | Copper | Creatinine | CRP | CRP C3 | CRP C4 | CRP Full Range | CRP High Sensitivity | Cystatin C | D-3 Hydroxybutyrate (Ranbut) | Digoxin | Ethanol | Ferritin | Fructosamine (Glycated Protein) | G6PDH | Gamma GT | Gentamicin | GLDH | Glucose | Glutathione Peroxidase (Ransel) | Glutathione Reductase | Glycerol | Haptoglobin | HbA1c | H-FABP | Homocysteine | Iron | IgE | IgG | L-Lactate | LD Lactate – Pyruvate | LD Pyruvate – Lactate | Lipase | Lipoprotein (a) | Magnesium | Malic Acid | Microalbumin | Myoglobin | NEFA | Phenobarbital | Phenyoit | Phosphorus | Potassium | Rheumatoid Factor (RF) | Sodium | Superoxide Dismutase (Ransod) | Total Antioxidant Status (TAS) | Total Iron Binding Capacity (TIBC) | Total Protein | Transferrin | Transtrytetermin (Prealbumin) | Triglycerides | Urea | Uric Acid | Urinary Protein | Valproic Acid | Zinc |

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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 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 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 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 is the largest international EQA scheme in the world. It is used by more than 45,000 laboratories in over 123 countries worldwide. 33 programme types are currently available with 45 different options offering flexibility for laboratories of all sizes and budgets.

### Ammonia/Ethanol Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9164 (1 ml)</td>
<td>2</td>
<td>With target scoring</td>
<td>Samples every month, 1 x 12 month cycle, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>Albumin</td>
<td></td>
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</tr>
<tr>
<td>Ammonia</td>
<td>Ethanol</td>
<td></td>
<td></td>
<td></td>
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</table>

### Anti-TSH Receptor Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9174 (1 ml)</td>
<td>1</td>
<td>With target scoring</td>
<td>Samples every month, 1 x 12 month cycle, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>Anti-TSH Receptor (TRAb)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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### Blood Gas Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9134 (1.8 ml)</td>
<td>10</td>
<td>With target scoring</td>
<td>Samples every month, 1 x 12 month cycle, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>pCO2</td>
<td>CO2(Total)</td>
<td>K+</td>
<td>Lactate</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Ca++</td>
<td>Na+</td>
<td>Glucose</td>
<td></td>
</tr>
<tr>
<td>pO2</td>
<td>Cl-</td>
<td></td>
<td></td>
<td></td>
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</table>

### BNP Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9165 (1 ml)</td>
<td>1</td>
<td>With target scoring</td>
<td>Samples every month, 1 x 12 month cycle, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>BNP</td>
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<td></td>
</tr>
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</table>

### Cardiac Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9127A (1 ml)</td>
<td>2</td>
<td>With target scoring</td>
<td>Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>CK Total</td>
<td>CK-MB (Mass)</td>
<td>Myoglobin</td>
<td>Troponin T</td>
<td></td>
</tr>
<tr>
<td>CK-MB (Activity)</td>
<td>Homocysteine</td>
<td></td>
<td></td>
<td></td>
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</table>

### Cerebrospinal Fluid Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9168 (3 ml)</td>
<td>7</td>
<td>With target scoring</td>
<td>Samples every month, 1 x 12 month cycle, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>Albumin</td>
<td>Glucose</td>
<td>Lactate</td>
<td>Sodium</td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

### Coagulation Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9135A (1 ml)</td>
<td>5</td>
<td>With target scoring</td>
<td>Samples every month, 1 x 12 month cycle, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>aPTT</td>
<td>Plasminogen</td>
<td>Factor VII</td>
<td>Factor XII</td>
<td>D-dimer *</td>
</tr>
<tr>
<td>PT (including INR)</td>
<td>Protein C</td>
<td>Factor VII</td>
<td>Factor XI</td>
<td></td>
</tr>
<tr>
<td>TT</td>
<td>Protein S</td>
<td>Factor X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fibrinogen</td>
<td>Factor I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antithrombin II</td>
<td>Factor V</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CO-Oximetry Programme

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Parameters</th>
<th>Score Method</th>
<th>Frequency</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ9177 (1.2 ml)</td>
<td>7</td>
<td>With target scoring</td>
<td>Samples every month, 1 x 12 month cycle, 12 month subscription</td>
<td></td>
</tr>
<tr>
<td>Carboxyhaemoglobin (COHb / HbCO)</td>
<td>Methaemoglobin (Met-Hb)</td>
<td>Oxygen Saturation (O2 / Vol O2)</td>
<td>Total Haemoglobin (Hb)</td>
<td></td>
</tr>
<tr>
<td>Deoxyhaemoglobin (HHb)</td>
<td>Oxygen Content (O2CT)</td>
<td>Oxymhaemoglobin (O2Hb / HbO2)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PURPLE** = The only parameters available on RQ9135A  
**+** = Not accredited  
***= Pilot study ongoing
CYFRA 21-1 Programme+

RQ9175 (1 ml)

1 Parameter

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

CYFRA 21-1 (Cytokeratin 19)

ESR Programme+

RQ9163 (4.5 ml)

1 Parameter

3 samples per quarterly distribution, 1 x 12 month cycle, 12 months subscription

ESR (Erythrocyte Sedimentation Rate)

General Clinical Chemistry Programme With target scoring

RQ9112a (5 ml)

10 Parameters only

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)

AST (ASAT)

Bicarbonate

Bile Acid

Bilirubin (Direct)

Bilirubin (Total)

Calcium

Calcium (Ionised)

Chloride

Cholesterol

Cholinesterase

CK, Total (CPK)

Copper

Creatinine

D-3-Hydroxybutyrate

Fructosamine

γ GT

GLDH

Glucose

HBDH

HDL-Cholesterol

Iron

Lactate

LD (LDH)

Lipase

Lithium

Magnesium

Osmolality

Phosphate (Inorganic)

Potassium

Protein (Total)

PSA

Sodium

TIBC

Urea

Uric Acid

VMA

Zinc

Haematology Programme

RQ9118 (2 ml)

11 Parameters

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

Haemoglobin (Hb)

Haematocrit (HCT)

Hemoglobin (Hb)

Mean Cell Haemoglobin (MCH)

Mean Cell Haemoglobin Concentration (MCHC)

Mean Cell Volume (PCV)

Mean Platelet Volume (MPV)

Platelets (PLT)

Plateletcrit (PCT)

Red Blood Cell Count (RBC)

Red Blood Cell Distribution Width (RDW)

Total Haemoglobin

Total White Blood Cell Count (WBC)

Human Urine Programme With target scoring

RQ9115 (10 ml)

25 Parameters

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

ACR

Albumin/Microalbumin

Amylase

Calcium

Chloride

Cortisol

Creatinine

Dopamine

Epinephrine

Glucose

Metanephrine

Norepinephrine

Normetanephrine

Osmolality

Oxalate

Phosphate (Inorganic)

Potassium

Protein (Total)

Sodium

Urea

Urinary Sodium

Urinary Urea

VMA

VMA

Human Urine Programme

RQ9125a (5 ml)

4 Parameters only (choose from 55)

RQ9125b (5 ml)

13 Parameters only (choose from 55)

ACTH

Adrenocorticotropic Hormone

Aldosterone

Androstenedione

B-2-Microglobulin

CA125

CA15-3

CA15-9

Carbamazepine

CEA

Cortisol

C-Peptide

DHEA-Sulphate

DHEA Unconjugated

Diagnosis

Estroil Total

Euthouximide

Ferritin

Folate

FSH

Germamcin

GH

HCG

Ile

Insulin

Lev

LH

Oestradiol

17-OH-Progesterone

Paracetamal

Pheochromocytone

Phenylpir

Primodone

Progestrone

Prolactin

PSA (Free)

PSA (Total)

PTH

Salicylate

SHBG

T3 (Free)

T3 (Total)

T4 (Free)

T4 (Total)

Testosterone (Free)*

Testosterone (Total)

Theophylline

Thyroglobulin

Thyrotropin

Trimamycin

TSH

Valproic Acid

Vitamin B12

Vitamin D

Immunoassay Programme With target scoring

RQ9125b (5 ml)

Full 55 Parameters

Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription (RQ9125a, RQ9125b, RQ9125c)

RQ9130 (5 ml)

Full 55 Parameters

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

Immunoassay Speciality 1 Programme+

RQ9141 (2 ml)

10 Parameters

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

ACTH

AFP

Alkaline Phosphatase

Amikacin

Androsterone

B-2-Microglobulin

CA125

CA15-3

CA15-9

Carbamazepine

CEA

Cortisol

C-Peptide

DHEA-Sulphate

DHEA Unconjugated

17-OH-Progesterone

Paracetamal

Pheochromocytone

Phenylpir

Primodone

Progestrone

Prolactin

PSA (Free)

PSA (Total)

PTH

Salicylate

SHBG

T3 (Free)

T3 (Total)

T4 (Free)

T4 (Total)

Testosterone (Free)*

Testosterone (Total)

Theophylline

Thyroglobulin

Trimamycin

TSH

Valproic Acid

Vitamin B12

Vitamin D

Immunoassay Speciality 2 Programme

RQ9141 (2 ml)

10 Parameters

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

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

25-OH-Vitamin D

17-OH-Progesterone

Paracetamal

Pheochromocytone

Phenylpir

Primodone

Progestrone

Prolactin

PSA (Free)

PSA (Total)

PTH

Salicylate

SHBG

T3 (Free)

T3 (Total)

T4 (Free)

T4 (Total)

Testosterone (Free)*

Testosterone (Total)

Theophylline

Thyroglobulin

Trimamycin

TSH

Valproic Acid

Vitamin B12

Vitamin D

* = Pilot study ongoing

+ = Not accredited

PURPLE = The only parameters available on RQ9135/a
### Immunoassay Speciality 2 Programme+ With target scoring

**RQ9142 (2 ml)**  
5 Parameters  
Samples every month, 1 x 12 month cycle, reference method values  

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Reference Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcitonin</td>
<td>Procalcitonin</td>
<td>Plasma Renin Activity</td>
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</tbody>
</table>

### Immunosuppressant Programme+  

**RQ9159 (2 ml)**  
4 Parameters  
Samples every month, 1 x 12 month cycle, reference method values  

<table>
<thead>
<tr>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ciclosporin</td>
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</tbody>
</table>

### Lipid Programme With target scoring  

**RQ9136a (3 ml)**  
3 Parameters only (choose from 7)  
Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription  

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apolipoprotein A1</td>
<td>Cholesterol (Total)</td>
</tr>
<tr>
<td>Apolipoprotein B</td>
<td>HDL-Cholesterol</td>
</tr>
</tbody>
</table>

**RQ9126a (3 ml)**  
Full 7 Parameters  

**RQ9126b (3 ml)**  
Full 7 Parameters  

### Liquid Cardiac Programme With target scoring  

**RQ9136 (3 ml)**  
9 Parameters  
Samples every month, 1 x 12 month cycle, 12 month subscription  

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK-MB Mass</td>
<td>D-dimer</td>
</tr>
<tr>
<td>NT proBNP</td>
<td>Troponin I</td>
</tr>
<tr>
<td>Troponin T</td>
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</tbody>
</table>

### Maternal Screening Programme With target scoring  

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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFP</td>
<td>Total HCG</td>
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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  

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-EBV VCA IgG</td>
<td>Anti-EBNA IgG</td>
</tr>
</tbody>
</table>

### Serology (HIV-Hepatitis) Programme+  

**RQ9155 (1.8 ml)**  
10 Parameters  
5 samples per quarterly distribution, 1 x 12 month cycle, 12 month subscription, Quantitative and Qualitative results  

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Anti-HIV-1</td>
<td>Anti-HIV-2</td>
</tr>
<tr>
<td>Anti-HIV-2 Combined</td>
<td>Anti-HBV</td>
</tr>
<tr>
<td>Anti-HTLV-II</td>
<td>Anti-CMV</td>
</tr>
<tr>
<td>HBsAg</td>
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</tr>
</tbody>
</table>

### 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  

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syphilis (Methods available include immunoassay RPR, VDRL and TPHA)</td>
<td></td>
</tr>
</tbody>
</table>

### 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  

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-Toxoplasma IgG</td>
<td>Anti-Rubella IgM</td>
</tr>
<tr>
<td>Anti-Rubella IgG</td>
<td>Anti-CMV lgM</td>
</tr>
<tr>
<td>Anti-CMV lgM</td>
<td>Anti-HSV-1&amp;2 lgM Combined</td>
</tr>
</tbody>
</table>

### Specific Proteins Programme With target scoring  

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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFP</td>
<td>B-2-Microglobulin</td>
</tr>
<tr>
<td>Albumin</td>
<td>Ceruloplasmin</td>
</tr>
<tr>
<td>α1-Acid glycoprotein</td>
<td>Complement C3</td>
</tr>
<tr>
<td>α1-Antitrypsin</td>
<td>Complement C4</td>
</tr>
<tr>
<td>α2-Macroglobulin</td>
<td>C-Reactive Protein</td>
</tr>
<tr>
<td>Anti Streptolysin O</td>
<td>Ferritin</td>
</tr>
<tr>
<td>Antithrombin III</td>
<td>Haptoglobin</td>
</tr>
</tbody>
</table>

**RQ9160 (2 ml)**  
RQ9161 (1 ml)  
RQ9167 (0.1ml)  

**PURPLE** = The only parameters available on RQ9135/a  
+ = Not accredited  
*= Pilot study ongoing
### Sweat Testing Programme+

<table>
<thead>
<tr>
<th>Parameter</th>
<th>RQ9173 (2 ml)</th>
<th>2 Parameters</th>
<th>Samples every month, 1 x 12 month cycle, 12 month subscription</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloride</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conductivity</td>
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<td></td>
</tr>
</tbody>
</table>

### Therapeutic Drugs Programme With target scoring

<table>
<thead>
<tr>
<th>Parameter</th>
<th>RQ9111 (5 ml)</th>
<th>18 Parameters</th>
<th>Samples every 2 weeks, 2 x 6 monthly cycles, 12 month subscription, Weighted-in values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amikacin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caffeine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbamazepine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ciclosporine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digoxin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethosuximide</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gentamicin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methotrexate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paracetamol (Acetaminophen)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primidone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salicylic Acid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tobramycin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Valproic Acid</td>
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</tbody>
</table>

### Trace Elements In Blood Programme+

<table>
<thead>
<tr>
<th>Parameter</th>
<th>RQ9172 (3 ml)</th>
<th>7 Parameters</th>
<th>Samples every month, 1 x 12 month cycle, 12 month subscription</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iodine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnesium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Trace Elements In Serum Programme+

<table>
<thead>
<tr>
<th>Parameter</th>
<th>RQ9170 (3 ml)</th>
<th>18 Parameters</th>
<th>Samples every month, 1 x 12 month cycle, 12 month subscription</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
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<td></td>
</tr>
<tr>
<td>Chromium</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Cobalt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copper</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iodine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnesium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nickel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selenium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc</td>
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</tr>
</tbody>
</table>

### Trace Elements In Urine Programme+

<table>
<thead>
<tr>
<th>Parameter</th>
<th>RQ9171 (3 ml)</th>
<th>11 Parameters</th>
<th>Samples every month, 1 x 12 month cycle, 12 month subscription</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium</td>
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<td></td>
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</tr>
<tr>
<td>Chromium</td>
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<td></td>
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</tr>
<tr>
<td>Cobalt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copper</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Iodine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnesium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nickel</td>
<td></td>
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<tr>
<td>Thallium</td>
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</table>

### Urinalysis Programme+ With scoring

<table>
<thead>
<tr>
<th>Parameter</th>
<th>RQ9138 (12 ml)</th>
<th>14 Parameters</th>
<th>Samples every 2 months, 1 x 12 month cycle, 12 month subscription</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albumin</td>
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<tr>
<td>Bilirubin</td>
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<td></td>
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<tr>
<td>Blood</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Creatinine</td>
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<td></td>
</tr>
<tr>
<td>Galactose</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glucose</td>
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<tr>
<td>hCG</td>
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<tr>
<td>Ketones</td>
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<tr>
<td>Leukocytes</td>
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<tr>
<td>Nitrite</td>
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</tr>
<tr>
<td>pH</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Protein</td>
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<tr>
<td>Specific Gravity</td>
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<tr>
<td>Urobilinogen</td>
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</table>

### Urine Toxicology Programme+

<table>
<thead>
<tr>
<th>Parameter</th>
<th>RQ9139 (5 ml)</th>
<th>20 Parameters</th>
<th>Samples every month, 1 x 12 month cycle, 12 month subscription</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoylecgonine</td>
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</tr>
<tr>
<td>Buprenorphine</td>
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</tr>
<tr>
<td>Cannabinoids (THC)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Carbazepine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creatinine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d-Amphetamine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d-Methamphetamine</td>
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<td></td>
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<tr>
<td>EEDP</td>
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<td></td>
<td></td>
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<tr>
<td>Ethanol</td>
<td></td>
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</tr>
<tr>
<td>Free Morphone</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Lorazepam</td>
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</tr>
<tr>
<td>LSD</td>
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</tr>
<tr>
<td>MDMA</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Methadone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methamphetamine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methylphenidate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noradrenaline</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norpropoxyphene</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxazepam</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phenylalanine</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* = Pilot study ongoing
+ = Not accredited
**Purple** = The only parameters available on RQ9135/a
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Contact us for more information on any of our products and services:

HEADQUARTERS
Randox Laboratories Ltd, 55 Diamond Road, Crumlin, County Antrim, BT29 4QY, United Kingdom
☎️ +44 (0) 28 9442 2413  📧 reagents@randox.com  🌐 randox.com

INTERNATIONAL OFFICES

AUSTRALIA
Randox (Australia) Pty Ltd.
Tel: +61 (0) 2 9615 4640

BRAZIL
Randox Brasil Ltda.
Tel: +55 11 5181-2024

CHINA
Randox Laboratories Ltd.
Tel: +86 021 6288 6240

CZECH REPUBLIC
Randox Laboratories S.R.O.
Tel: +420 2 1115 1661

FRANCE
Laboratoires Randox
Tel: +33 (0) 130 18 96 80

GERMANY
Randox Laboratories GmbH
Tel: +49 (0) 215 1937 0611

HONG KONG
Randox Laboratories Hong Kong Limited
Tel: +852 3995 0515

ITALY
Randox Laboratories Ltd.
Tel: +39 06 9896 8954

INDIA
Randox Laboratories India Pvt Ltd.
Tel: +91 80 6751 5000

POLAND
Randox Laboratories Polska Sp. z o.o.
Tel: +48 22 862 1080

PORTUGAL
Irlandox Laboratorios Quimica Analitica Ltda
Tel: +351 22 589 8320

PUERTO RICO
Clinical Diagnostics of Puerto Rico, LLC
Tel: +1 787 701 7000

REPUBLIC OF IRELAND
Randox Teoranta
Tel: +353 7495 22600

SLOVAKIA
Randox S.R.O.
Tel: +421 2 6381 3324

SOUTH AFRICA
Randox Laboratories SA (Pty) Ltd.
Tel: +27 (0) 11 312 3590

SPAIN
Laboratorios Randox S.L.
Tel: +34 91475 09 64

SWITZERLAND
Randox Laboratories Ltd. (Switzerland)
Tel: +41 41 810 48 89

SOUTH KOREA
Randox Korea
Tel: +82 (0) 31 478 3121

USA
Randox Laboratories - US, Ltd.
Tel: +1 304 728 2890

UAE
Randox Medical Equipments Trading LLC
Tel: +971 55 474 9075

VIETNAM
Randox Laboratories Ltd. Vietnam
Tel: +84 (0) 8 3911 0904

FOR TECHNICAL SUPPORT CONTACT:
technical.services@randox.com