

ACUSERA

CONSOLIDATE AND SAVE



RANDOX

CONSOLIDATE AND SAVE WITH ACUSERA

For more than 35 years Randox has been shaping the future of clinical diagnostics with our pioneering high quality, cost effective laboratory solutions. Quality Control (QC) is our passion; we believe in producing high quality material that can help streamline procedures, whilst saving time and money for laboratories of all sizes and budgets. Our Acusera true third party controls cover more than 390 analytes, with up to 100 in a single vial. This unique combination of analytes enables effective consolidation, helping you to reduce the number of individual controls required to cover your test menu, ultimately reducing costs, preparation time and storage space. The added benefit of analytes targeted at clinical decision levels will eliminate the need to purchase additional high or low controls resulting in further costs savings.

QC is vitally important in ensuring accurate patient test results, but it can be time consuming for laboratory staff. In an industry where budgets and resources are increasingly under pressure, laboratories are continuously looking for ways to streamline laboratory procedures without compromising on accuracy.

Randox Acusera quality controls offer a consolidated solution to any laboratory, allowing you to carry out highly accurate QC using fewer controls. Consolidation has many benefits including, greater efficiency and productivity, saving you space, money, and time.

HOW WE HELP YOU IMPROVE



Fewer Controls

Reduce the number of controls required to cover your test menu and ultimately reduce costs.



Save Time

Reduce time spent preparing individual controls.



Reduce Waste

Reduce dead volume wastage caused by additional QC samples.



Simplicity

Reduce inventory with fewer controls to order, manage and track expiry.



Get Accredited

Accreditation bodies across the world recommend the use of consolidated third party controls.

HOW CAN RANDOX CONSOLIDATE CONTROL USE IN YOUR LAB?

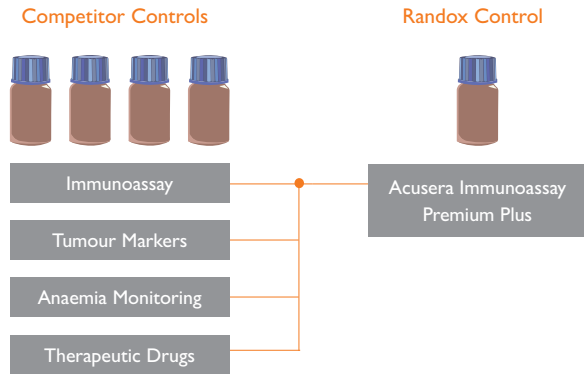
Listed below are some examples of how Randox Acusera can dramatically reduce the number of individual controls required, free up valuable staff time, streamline QC use and significantly reduce costs.

Immunoassay Premium Plus Control

Covering up to 54 analytes including routine tumour markers, hormones, therapeutic drugs, vitamin D and clinically relevant levels of ferritin and vitamin B₁₂, laboratories can eliminate the need for four or more individual controls. Assayed target values are provided for a wide range of immunoassay platforms.

- Lyophilised for enhanced stability
- 100% human serum ensuring the control acts like a patient sample
- Reconstituted stability of 7 days at 2°C to 8°C or 28 days at -20°C

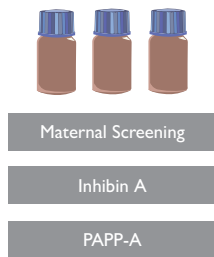
Description	Size	Cat. No.
Immunoassay Premium Plus Level 1	12 x 5 ml	IA3109
Immunoassay Premium Plus Level 2	12 x 5 ml	IA3110
Immunoassay Premium Plus Level 3	12 x 5 ml	IA3111
Immunoassay Premium Plus Tri-level	4 x 3 x 5 ml	IA3112



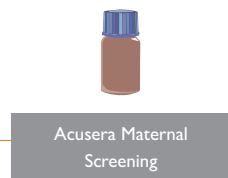
Maternal Screening Control

Delivering an assayed, multi-analyte QC solution for laboratories carrying out maternal screening, our Acusera Maternal Screening control covers a unique combination of analytes, ensuring suitability for both First and Second Trimester screening of Down's syndrome & Spina Bifida. By employing our Maternal Screening Control you could replace up to three competitor controls, ultimately improving efficiency, while reducing costs and preparation time.

Competitor Controls



Randox Control



- Lyophilised for enhanced stability
- 100% human serum ensuring the control acts like a patient sample
- Reconstituted stability of 7 days at 2°C to 8°C

Description	Size	Cat. No.
Maternal Screening Control Level 1	3 x 1 ml	MSS5024
Maternal Screening Control Level 2	3 x 1 ml	MSS5025
Maternal Screening Control Level 3	3 x 1 ml	MSS5026

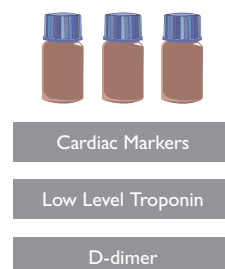
Liquid Cardiac Control

The Randox Acusera Liquid Cardiac Control combines eight cardiac markers including NT-proBNP and D-dimer, ensuring consolidation and flexibility. The inclusion of Tnl and TnT at clinically significant levels will help laboratories to further consolidate the number of controls they use.

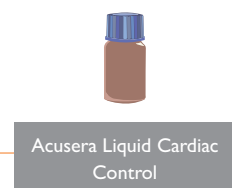
- Liquid ready-to-use
- 100% human serum ensuring the control acts like a patient sample
- Open vial stability of 30 days at 2°C to 8°C

Description	Size	Cat. No.
Liquid Cardiac Control Level 1	3 x 3 ml	CQ5051
Liquid Cardiac Control Level 2	3 x 3 ml	CQ5052
Liquid Cardiac Control Level 3	3 x 3 ml	CQ5053

Competitor Controls



Randox Control



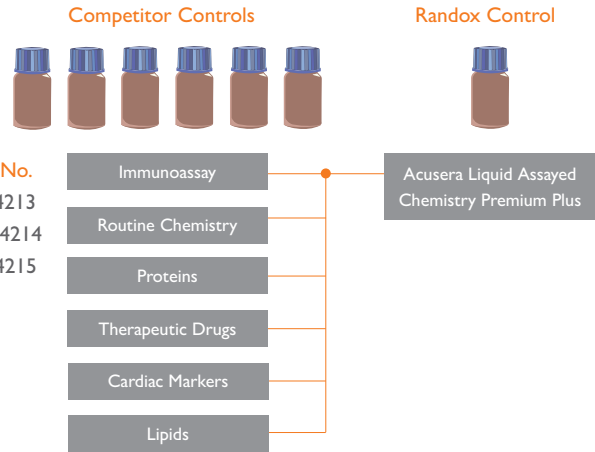
HOW CAN RANDOX CONSOLIDATE CONTROL USE IN YOUR LAB?

Liquid Assayed Chemistry Premium Plus Control

With instrument specific target values provided for 99 analytes including lipids, proteins, routine immunoassays, cardiac markers, therapeutic drugs and electrophoresis, laboratories can consolidate from as many as six different controls to a single third party chemistry control.

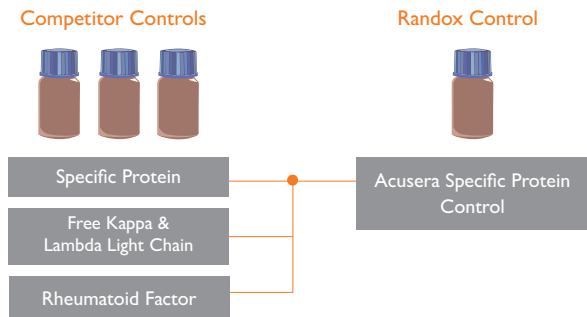
- Liquid for ease-of-use and convenience
- High levels of CRP and other proteins
- Open vial stability of up to 7 days at 2°C to 8°C

Description	Size	Cat. No.
Liquid Assayed Chemistry Premium Plus Level 1	12 x 5 ml	LAL4213
Liquid Assayed Chemistry Premium Plus Level 2	12 x 5 ml	LAN4214
Liquid Assayed Chemistry Premium Plus Level 3	12 x 5 ml	LAE4215



Specific Protein Control

Combining 27 serum proteins including Kappa and Lambda Light Chains, the Acusera Specific Protein Control may replace up to three separate competitor controls. Once opened, all parameters are stable for 30 days helping to reduce waste and costs. Assayed target values are provided.



- Liquid ready-to-use
- 100% human serum ensuring the control acts like a patient sample
- Open vial stability of 30 days at 2°C to 8°C

Description	Size	Cat. No.
Specific Protein Control Level 1	3 x 1 ml	PS2682
Specific Protein Control Level 2	3 x 1 ml	PS2683
Specific Protein Control Level 3	3 x 1 ml	PS2684

PRODUCT PORTFOLIO

- Blood Gas
- Immunology/Proteins
- Cardiac Markers
- Lipids
- Clinical Chemistry
- POCT
- Coagulation
- Speciality and Research
- Diabetes and Whole Blood
- Therapeutic Drugs
- Haematology
- Toxicology
- Immunoassay
- Urine Chemistry

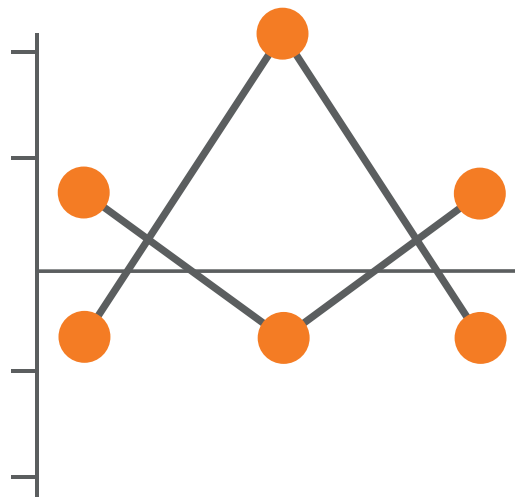
ACUSERA 24•7 Interlaboratory Data Management

Designed for use with the Acusera range of third party controls, the Acusera 24•7 software helps laboratories monitor and interpret their QC data. Access to an impressive range of features, including interactive charts, the automatic calculation of Measurement Uncertainty & Sigma Metrics and live peer group data generated from our extensive database of laboratory participants, ensures Acusera 24•7 is the most comprehensive package available.

- Advanced statistical analysis with automatic calculation of performance metrics including; Sigma, UM, TE & %Bias.
- Instantly discover how you compare to your peers with peer group statistics updated live in real-time, reducing time and money spent troubleshooting.
- Interactive charts allowing you to add events and multiple data sets for quick and easy performance monitoring.
- Automated data import with bi-directional connection to LIMS (eliminating manual data entry).

Software Features

Dashboard | Result History | Interactive Levey-Jennings Charts | Interactive Histogram Charts
 Performance Summary Charts | Statistical Analysis Report | Statistical Metrics Report
 Uncertainty of Measurement Report | Exception Report | Peer Group Statistics | Acusera Advisor
 Audit Trail Report



 'The laboratory shall have a procedure to prevent the release of patient results in the event of quality control failure. When the quality controls rules are violated and indicate that examination results are likely to contain significant errors the results shall be rejected... Quality Control data shall be reviewed at regular intervals to detect trends in examination performance.'

RELATED PRODUCTS

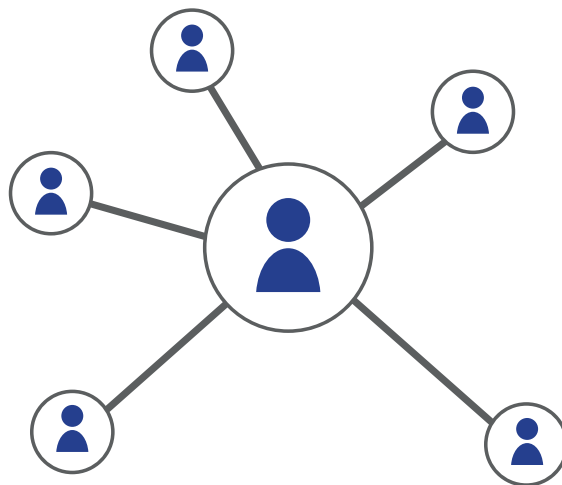
RIQAS Randox International Quality Assessment Scheme

Boasting over 45,000 participants and more than 360 parameters across 33 comprehensive & flexible EQA programmes, RIQAS is the largest international EQA scheme. Designed to cover all areas of clinical testing, each of our multi-analyte programmes is designed to reduce the number of individual programmes required, saving precious laboratory time and money. In addition, each programme benefits from a wide range of concentrations, frequent reporting, rapid feedback and informative yet user-friendly reports.

- Programmes accredited to ISO/IEC 17043, helping you to meet ISO 15189:2012 requirements.
- Simple one page per parameter report format enables at-a-glance performance assessment, saving time spent analysing results.
- Rapid report turnaround within 72 hours from the submission deadline ensures any corrective actions can be taken quickly, minimising the number of sample repeats required.
- Register up to 5 instruments per programme at no extra cost and receive a complimentary multi-instrument report for comparative performance assessment.

Programme Offering

Ammonia/Ethanol | Anti-TSH Receptor | Blood Gas | BNP | Cardiac | Cerebrospinal Fluid (CSF) | Clinical Chemistry
Coagulation | CO-Oximetry | CYFRA 21-1 | ESR | Glycated Haemoglobin (HbA1c) | Haematology | Human Urine
Immunoassay | Immunoassay Speciality 1 | Immunoassay Speciality 2 | Immunosuppressant | Lipid | Liquid Cardiac
Maternal Screening | Serology (EBV) | Serology (HIV/Hepatitis) | Serology (Syphilis) | Serology (ToRCH)
Specific Proteins | Sweat Testing | TDMs | Trace Elements in Blood | Trace Elements in Serum
Trace Elements in Urine | Urinalysis | Urine Toxicology



With over 45,000 lab participants, peer group numbers are maximised ensuring availability of data for a wide range of instruments and methods.

Contact us for more information on any of our products and services:

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RANDOX
QUALITY CONTROL



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