

RANDOX

NEW ACUSERA CONTROLS 2022/23



ACTIVE B12



ANTI MÜLLERIAN
HORMONE (AMH)



BRAIN NATRIURETIC
PEPTIDE (BNP)



BONE MARKERS
(SERUM)



PRE-ECLAMPSIA



SERUM INDICES



ULTRA-LOW PSA



XANTHOCHROMIA

ACUSERA

BENEFITS

For over 40 years Randox has been shaping the future of clinical diagnostics with our pioneering high quality, cost effective laboratory solutions. With approximately 70% of clinical decisions based on laboratory test results, it is essential that the results provided are accurate and reliable in order to prevent potential misdiagnosis or inappropriate treatment.

Quality Control 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. With an extensive product offering comprising third party quality controls & calibrators, interlaboratory data management, external quality assessment, calibration verification and molecular IQC and EQA for infectious disease testing, you can count on Randox to deliver trustworthy results time and time again. Just ask one of our 60,000 users worldwide.



Consolidation

Specialising in consolidation, the Acusera range of multi-analyte controls is designed to reduce the number of individual controls required to cover your test menu, ultimately reducing costs, preparation time and storage space.



Commutability

All Acusera controls are designed to react to the test system in the same manner as the patient sample, helping to meet ISO 15189:2022 requirements whilst reducing inconvenient and costly shifts in QC results when reagent batch is changed.



True Third Party Controls

Manufactured independently, the Acusera range delivers unbiased performance assessment with any instrument or method, helping to meet ISO 15189:2022 requirements whilst simultaneously eliminating the need for multiple instrument dedicated controls.



Accurate Target Values

Our unique value assignment process utilises thousands of independent labs globally, ensuring availability of highly accurate, robust target values for a wide range of instruments and methods, ultimately eliminating the need to spend time and money assigning in-house.



Shelf Life

With a shelf life of up to four years for lyophilised controls and two years for liquid controls, you can benefit from continuity of lot supply whilst reducing the frequency of new lot validation studies, thus saving time and money.

NEW ACUSERA CONTROLS



Active Vitamin B12 Control

The Acusera Active Vitamin B12 Control is designed to deliver a cost effective, high-quality solution for use in the quantitative determination of Active Vitamin B12 in human serum and plasma.

Analytes

Active Vitamin B12 (Holotranscobalamin/HoloTC)

Description	Size	Cat. No.	Benefits
Active Vitamin B12 Level 1	3 x 2 ml	VB10524	<ul style="list-style-type: none">• Liquid frozen for user convenience• Human based serum• 30 days open vial stability when stored at 2°C to 8°C keeping waste and costs to a minimum• Assayed target values provided• True third-party control delivering unbiased, independent performance assessment
Active Vitamin B12 Level 2	3 x 2 ml	VB10525	



Anti-Müllerian Hormone (AMH) Control

The Randox Acusera AMH control is designed to use as a third party control for the quantitative determination of Anti-Müllerian Hormone (AMH).

Analytes

Anti-Müllerian Hormone (AMH)

Description	Size	Cat. No.	Benefits
AMH Control Level 1	3 x 2 ml	AMH10509	<ul style="list-style-type: none">• Liquid frozen for user convenience• Human based serum ensuring a commutable sample matrix• 30 days open vial stability when stored at 2°C to 8°C keeping waste and costs to a minimum• Control available at recommended cut-off values for AMH• Assayed target values provided• True third-party control delivering unbiased, independent performance assessment
AMH Control Level 2	3 x 2 ml	AMH10514	
AMH Control Level 3	3 x 2 ml	AMH10515	
AMH Control Level 4	3 x 2 ml	AMH10516	

NEW ACUSERA CONTROLS



Brain Natriuretic Peptide (BNP) Control

Providing a true third party solution, the new Acusera BNP Control is designed for use with *in vitro* diagnostics assays for the quantitative determination of BNP in human serum and plasma. The BNP control delivers an unbiased, independent assessment of analytical performance, helping to ensure accurate and reliable patient testing for BNP.

Analytes

Brain Natriuretic Peptide (BNP)

Description	Size	Cat. No.	Benefits
BNP Controls (Beckman)	3 x 1 x 1 ml	CQ10520	<ul style="list-style-type: none">• Liquid ready-to-use requiring minimal preparation• Human based serum ensuring a commutable sample matrix• 30 days open vial stability when stored at 2°C to 8°C keeping waste and costs to a minimum• Levels suitable for use with Beckman, Abbott and Siemens. Suitable for use with other platforms• True third-party control delivering unbiased, independent performance assessment
BNP Controls (Abbott)	3 x 1 x 1 ml	CQ10521	
BNP Controls (Siemens)	3 x 1 x 1 ml	CQ10522	



Bone Markers (Serum) Control

The lyophilised Serum Bone Marker Control is intended for use with *in vitro* diagnostic assays for the quantitative determination of Procollagen Type 1 N-Terminal Propeptide (PINP), N-MID Osteocalcin (OC) and Bone Alkaline Phosphatase (B-ALP) in serum samples. This Lyophilised Serum Bone Marker Control is assayed with target values and is suitable for use on automated analysers.

Analytes

PINP | N-MID Osteocalcin | Bone-ALP

Description	Size	Cat. No.	Benefits
Bone Markers (Serum) Control Level 1	6 x 2 ml	SBM10574	<ul style="list-style-type: none">• Lyophilised for enhanced stability• Human based serum ensuring a commutable sample matrix• 14 day reconstituted stability for PINP & Bone-ALP, 1 day reconstituted stability for N-MID Osteocalcin when stored at 2°C to 8°C helping to keep waste to a minimum• Three clinically relevant levels available• True third-party control delivering unbiased, independent performance assessment
Bone Markers (Serum) Control Level 2	6 x 2 ml	SBM10587	
Bone Markers (Serum) Control Level 3	6 x 2 ml	SBM10588	

NEW ACUSERA CONTROLS



Pre-Eclampsia Control

The Pre-eclampsia Control is intended for use with *in vitro* diagnostic assays for the quantitative determination of placental growth factor (PlGF) and soluble fms-like tyrosine kinase-1 (sFlt-1) in human serum and plasma. The Pre-eclampsia Control is assayed with target values and is suitable for use on various immunoassay analysers.

Analytes

sFlt-1 | PlGF

Description

Pre-eclampsia Level 1
Pre-eclampsia Level 2
Pre-eclampsia Level 3

Size

3 x 2 x 2 ml
3 x 2 x 2 ml
3 x 2 x 2 ml

Cat. No.

PE10527
PE10528
PE10529

Benefits

- Liquid frozen for user convenience
- Human based serum ensuring a commutable sample matrix
- 30 days open vial stability when stored at 2°C to 8°C keeping waste and costs to a minimum
- Assayed target values provided
- True third-party control delivering unbiased, independent performance assessment



Serum Indices Control

Intended for IVD use to monitor an instrument's response to, and ability to detect haemolysed, icteric or lipaemic samples which can impact patient test results. The Acusera Serum Indices Control is qualitatively ranked and reported as -, +, ++ and +++ for Haemolysis, Icterus and Lipemia.

Analytes

Haemolysis (H) | Icterus (I) | Lipemia (L)

Description

Serum Indices Control

Size

4 x 5 ml

Cat. No.

SI10448

Benefits

- Lyophilised for enhanced stability
- Human based serum providing a commutable sample matrix
- Superior 14 day reconstituted stability when stored at 2°C to 8°C helping to keep waste to a minimum
- 4 clinically significant levels provided in a convenient multi-level pack
- Single control comprising all three interferents
- True third-party control delivering unbiased, independent performance assessment

NEW ACUSERA CONTROLS



Ultra-Low PSA Control

The Acusera ultra-low PSA control delivers a true third party solution for use in monitoring the performance of *in vitro* diagnostic assays used in the quantitative determination of low levels of PSA. The control has been optimised for use with Roche systems but is suitable for use across a variety of other platforms.

Analytes

Total PSA

Description

Ultra-Low PSA Control

Size

6 x 1 ml

Cat. No.

TU10523

Benefits

- Liquid ready-to-use requiring minimal preparation
- Human based serum ensuring a commutable sample matrix
- 30 day open vial stability when stored at 2°C to 8°C helping to keep waste to a minimum
- Assayed target values provided
- Clinically relevant levels approx 0.055ng/ml
- True third-party control delivering unbiased, independent performance assessment



Xanthochromia Control

Our Acusera Xanthochromia Quality Control is designed to deliver a cost-effective, high-quality solution for use in monitoring the performance of Bilirubin and Oxyhaemoglobin in Cerebrospinal Fluid (CSF) using a spectrophotometer.

Aqueous based, with components of human origin, the Xanthochromia Controls are unassayed and are suitable for use on various UV spectrophotometer analysers.

Analytes

Oxyhaemoglobin | Bilirubin

Description

Xanthochromia Positive Control

Xanthochromia Negative Control

Size

6 x 4 ml

6 x 4 ml

Cat. No.

XN10505

XN10502

Benefits

- Liquid frozen for user convenience
- Aqueous based with components of human origin
- 11 weeks shelf life from date of manufacture when stored at -18°C to -24°C & 2 day open vial stability when stored at 2°C to 8°C keeping waste and costs to a minimum
- True third-party control delivering unbiased, independent performance assessment

RANDOX QC PORTFOLIO



ACUSERA - True Third Party Controls Offering Complete Test Menu Consolidation

- ▶ Uniquely combining more than 100 analytes conveniently in a single control, laboratories can significantly reduce costs and consolidate without compromising on quality. As true third party controls, unbiased performance assessment with any instrument or method is guaranteed.

ACUSERA 24•7 - Online QC Software With Real-Time Peer Group Statistics



- ▶ Designed for use with the Acusera range of third party controls, the Acusera 24•7 software will help you monitor and interpret your 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.

RIQAS - Randox International Quality Assessment Scheme



- ▶ The largest international EQA scheme, used by more than 55,000 laboratory participants in over 134 countries worldwide. Comprising over 360 routine and esoteric parameters in 36 comprehensive and flexible EQA programmes, RIQAS is designed to cover all areas of clinical testing. Each programme benefits from a wide range of concentrations, frequent reporting and informative yet user-friendly reports.

ACUSERA VERIFY - Keep Your Instrument In Check With Calibration Verification Materials



- ▶ Designed to challenge a larger section of an instruments reportable range and test if a system's calibration is still valid. Our linearity materials cover a wide range of testing including, CRP, RF, Lipids, Therapeutic Drugs, Esoterics and more. Designed with user convenience in mind, all our linearity sets are supplied in a liquid format and in varying levels. Our unique combination of analytes enables laboratories to reduce the number of individual products required while ultimately reducing costs and time.

MOLECULAR - IQC & EQA Solutions For Infectious Disease Testing



- ▶ Our complete quality control solutions for molecular infectious disease testing comprise hundreds of characterised viral, bacterial and fungal targets. Covering a wide range of transplant associated diseases, respiratory infections, blood borne viruses, sexually transmitted infections and more, our Molecular IQC and EQA range covers the full laboratory portfolio. Both our product offering are manufactured using only the highest quality material and the availability of whole pathogen samples ensures the performance of the patient sample is mimicked throughout.

CONTACT US

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RANDOX
QUALITY CONTROL



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