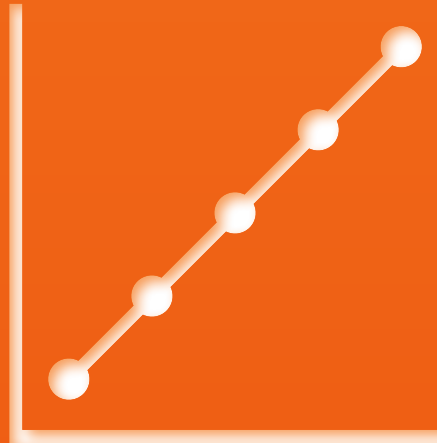


**BGI**

**RANDOX**

# LINEARITY SETS



ACUSERA VERIFY

**RAN**DOX  
QUALITY CONTROL

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## ACUSERA VERIFY

KEEP YOUR INSTRUMENT IN CHECK  
WITH CALIBRATION VERIFICATION MATERIALS



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# BENEFITS

Our range of instrument dedicated, calibration verifiers is designed to challenge the entire Analytical Measuring Range, whilst helping to meet CLIA requirements and remaining convenient to use.



## Consolidation

- Reduce costs, storage space and the number of individual products required to cover your test menu with our comprehensive, multi-analyte Calibration Verifiers.



## Format

- Samples are provided in a user-friendly format with both liquid and lyophilised options available.



## Clinically Relevant Levels

- Specifically designed to challenge the complete Analytical Measuring Range (AMR), helping to ensure accurate and reliable instrument performance. A minimum of 5 levels eliminates the need for manual dilution and allows for more comprehensive assessment than the minimum requirement of 3 levels set by CLIA.



## Instrument Dedicated

- Help to ensure specific instrument requirements are met with the availability of dedicated solutions for Roche Cobas and Beckman systems.



## Stability

- An extended open vial stability keeps waste to a minimum and ensures availability of product for troubleshooting.



## Data Reduction Software

- Complimentary data reduction software is provided delivering an immediate indication of performance.

# SOLUTIONS FOR ROCHE COBAS ANALYSERS

## Apolipoprotein A-I (Apo A-I) & Apolipoprotein B (Apo B) Linearity Verifier

Dedicated Linearity Verifier for measuring Apo A-I and Apo B on Roche Cobas analysers. Supplied in a liquid frozen format this linearity verifier will objectively verify calibration of the instrument whilst remaining convenient and easy to use. Five levels are provided spanning the instrument's reportable range.

### Analytes

Apolipoprotein A-I (Apo A-I) | Apolipoprotein B (Apo B)

Description	Size	Cat. No.	Benefits
Apolipoproteins Linearity Verifier	5 x 3 ml	LV10357	<ul style="list-style-type: none"><li>• Convenient, liquid frozen format</li><li>• 5 levels provided</li><li>• Open vial stability of 14 days at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

## Bilirubin Linearity Verifier

Our Bilirubin verifier contains both Direct Bilirubin and Total Bilirubin so testing is fully covered. Dedicated for use on Roche Cobas systems, this verifier spans five levels ensuring the instruments entire reportable range is covered.

### Analytes

Direct Bilirubin | Total Bilirubin

Description	Size	Cat. No.	Benefits
Bilirubin Linearity Verifier	5 x 3 ml	LV10356	<ul style="list-style-type: none"><li>• Lyophilised for enhanced stability</li><li>• 5 levels provided</li><li>• Open vial stability of 10 days at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

## Clinical Chemistry Linearity Verifier

Our Clinical Chemistry Linearity Verifier comprises 17 common chemistry assays, supplied in a liquid frozen format. Designed specifically for use on Roche Cobas analysers, this verifier spans five levels ensuring the instruments entire reportable range is measured.

### Analytes

Albumin | BUN (Urea) | Calcium | Chloride | Creatinine | Glucose | Iron | Lactate | Lithium | Magnesium | Phosphate | Potassium | Sodium | Total Protein | Triglycerides | Uric Acid | Total Cholesterol

Description	Size	Cat. No.	Benefits
Clinical Chemistry Linearity Verifier	5 x 5 ml	LV10390	<ul style="list-style-type: none"><li>• Convenient, liquid frozen format</li><li>• 5 levels provided</li><li>• Open vial stability of 7 days at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

# SOLUTIONS FOR ROCHE COBAS ANALYSERS

## CO<sub>2</sub> and Electrolytes Linearity Verifier

Dedicated Linearity Verifier for the measurement of CO<sub>2</sub> and electrolytes on Roche Cobas analysers. This verifier is supplied in a liquid ready-to-use format and can be used to objectively verify calibration of the instrument. Five levels are available spanning the instrument's complete reportable range.

### Analytes

CO<sub>2</sub> | Sodium | Potassium | Chloride

Description	Size	Cat. No.	Benefits
CO <sub>2</sub> and Electrolytes Linearity Verifier	5 x 5 ml	LV10362	<ul style="list-style-type: none"><li>• Convenient, liquid ready-to-use format</li><li>• 5 levels provided</li><li>• 7 day stability when stored tightly capped at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

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## C-Reactive Protein (CRP) Linearity Verifiers

This dedicated CRP Linearity Verifier is supplied in a liquid ready-to-use format, specifically for use on Roche Cobas analysers. This verifier is designed to objectively verify calibration whilst remaining convenient and easy to use. There are five distinct levels provided that span the instrument's complete reportable range.

### Analytes

C-Reactive Protein (CRP)

Description	Size	Cat. No.	Benefits
CRP Linearity Verifier	5 x 1 ml	LV10334	<ul style="list-style-type: none"><li>• Convenient, liquid ready-to-use format</li><li>• 5 levels provided</li><li>• 14 day stability when stored at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

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## Enzyme Linearity Verifier

Our Enzyme Linearity Verifier contains 10 commonly tested enzymes in one unique multi-marker verifier allowing you to consolidate testing. Spanning 5 clinical levels, this verifier ensures the systems entire reportable range is measured. Designed specifically for use with Roche Cobas systems, our Verifier is available in a convenient liquid frozen format.

### Analytes

ALT | ALP | α-Amylase | Pancreatic Amylase | AST | CK | CKMB | γGT | LDH | Lipase

Description	Size	Cat. No.	Benefits
Enzyme Linearity Verifier	5 x 3 ml	LV10366	<ul style="list-style-type: none"><li>• Convenient, liquid frozen format</li><li>• 5 levels provided</li><li>• Open vial stability of 10 days at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>



# SOLUTIONS FOR ROCHE COBAS ANALYSERS

## Esoterics Linearity Verifier

Our Esoterics Linearity Verifier comprises 6 analytes and is supplied in a liquid ready-to-use format specifically for use on Roche Cobas analysers. Designed to objectively verify calibration whilst remaining convenient and easy to use, there are five distinct levels provided that span the instrument's complete reportable range.

### Analytes

Acetaminophen | Ammonia | Ethanol | Microalbumin | Urinary Protein | Salicylate

Description	Size	Cat. No.	Benefits
Esoterics Linearity Verifier	5 x 3 ml	LV10336	<ul style="list-style-type: none"><li>• Convenient, liquid ready-to-use format</li><li>• 5 levels provided</li><li>• 14 day stability when stored at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

## High Sensitivity C-Reactive Protein (hsCRP) Linearity Verifier

Dedicated hsCRP Linearity Verifier supplied in a liquid ready-to-use format specifically for use on Roche Cobas analysers. Designed to objectively verify calibration whilst remaining convenient and easy to use, there are five distinct levels provided that span the instrument's complete reportable range.

### Analytes

High Sensitivity C-Reactive Protein (hsCRP)

Description	Size	Cat. No.	Benefits
hsCRP Linearity Verifier	5 x 1 ml	LV10335	<ul style="list-style-type: none"><li>• Convenient, liquid ready-to-use format</li><li>• 5 levels provided</li><li>• 14 day stability when stored at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

## Lipids Linearity Verifier

Our Lipids Linearity Verifier comprises 4 common lipid assays and is specifically designed for use on Roche Cobas analysers. Five levels are available, spanning the instrument's complete reportable range. Designed in a liquid frozen format, this linearity verifier will objectively verify calibration of the instrument whilst remaining convenient and easy to use.

### Analytes

HDL Cholesterol | LDL Cholesterol | Total Cholesterol | Triglycerides

Description	Size	Cat. No.	Benefits
Lipids Linearity Verifier	5 x 3 ml	LV10344	<ul style="list-style-type: none"><li>• Convenient, liquid frozen format</li><li>• 5 levels provided</li><li>• Open vial stability of 14 days at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

# SOLUTIONS FOR ROCHE COBAS ANALYSERS

## Rheumatoid Factor (RF) Linearity Verifier

Dedicated Rheumatoid Factor (RF) Linearity Verifier supplied in a liquid ready-to-use format specifically for use on Roche Cobas analysers. Designed to objectively verify calibration whilst remaining convenient and easy to use, there are five distinct levels provided that span the instrument's complete reportable range.

### Analytes

Rheumatoid Factor (RF)

Description	Size	Cat. No.	Benefits
Rheumatoid Factor (RF) Linearity Verifier	5 x 1 ml	LV10343	<ul style="list-style-type: none"><li>• Convenient, liquid ready-to-use format</li><li>• 5 levels provided</li><li>• 14 day stability when stored at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

## Therapeutic Drug Monitoring (TDM) Linearity Verifier

Our Therapeutic Drug Monitoring (TDM) Linearity Verifier comprises 16 commonly tested drugs in a single vial. Dedicated for use on Roche Cobas systems, and available in a liquid frozen format, this verifier is convenient and easy to use. Five levels span the instrument's entire reportable range.

### Analytes

Acetaminophen | Amikacin | Carbamazepine | Digoxin | Gentamicin | Lithium | N-Acetylprocainamide | Phenobarbital | Phenytoin  
Procainamide | Quinidine | Salicylate | Theophylline | Tobramycin | Valproic Acid | Vancomycin

Description	Size	Cat. No.	Benefits
Therapeutic Drug Monitoring Linearity Verifier	5 x 5 ml	LV10355	<ul style="list-style-type: none"><li>• Convenient, liquid frozen format</li><li>• 5 levels provided</li><li>• Open vial stability of 14 days at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>

# SOLUTIONS FOR BECKMAN COULTER ANALYSERS

## Apolipoprotein A-I (Apo A-I) & Apolipoprotein B (Apo B) Linearity Verifier

Dedicated Linearity Verifier for measuring Apo A-I and Apo B on Beckman Coulter analysers. Spanning 5 levels designed to challenge the instruments reportable range, this verifier will objectively verify calibration of the instrument whilst remaining convenient to use.

### Analytes

Apolipoprotein A-I | Apolipoprotein B

Description	Size	Cat. No.	Benefits
Apolipoproteins Linearity Verifier	5 x 3 ml	LV10363	<ul style="list-style-type: none"><li>• Convenient, liquid frozen format</li><li>• 5 levels provided</li><li>• Open vial stability of 14 days at 2°C to 8°C</li><li>• Shelf life up to 2 years from date of manufacture</li></ul>



## Lipids Linearity Verifier

Our Lipids Linearity Verifier comprises 3 common lipid assays and is specifically designed for use on Beckman Coulter analysers. Five levels are available spanning the instrument's complete reportable range. Designed in a liquid frozen format, this linearity verifier will objectively verify calibration of the instrument whilst remaining convenient and easy to use.

### Analytes

HDL Cholesterol | LDL Cholesterol | Triglycerides

### Description

Lipids Linearity Verifier

### Size

5 x 3 ml

### Cat. No.

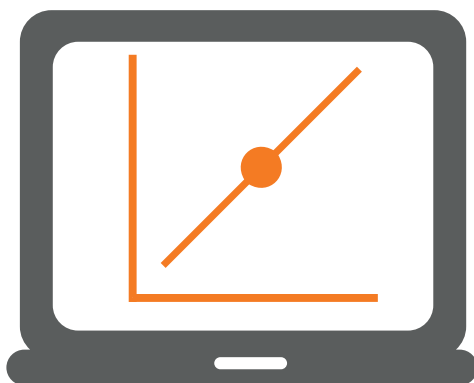
LV10364

### Benefits

- Convenient, liquid frozen format
- 5 levels provided
- Open vial stability of 14 days at 2°C to 8°C
- Shelf life up to 2 years from date of manufacture

## DATA REDUCTION SOFTWARE

Complimentary data reduction software is available for use with all Randox calibration verification sets, delivering instant access to a wide range of functionality to make the data review process faster.



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Providing instant access to automatically generated charts, statistics and real-time peer group data, the Acusera Verify software is designed to significantly reduce the time spent analysing data, facilitating immediate laboratory decisions.  
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- Cloud based software allowing convenient access from anywhere in the lab
- Intuitive user-friendly interface with simple data entry functionality
- Easy-to-interpret, interactive charts for at-a-glance performance assessment
- Automatically generated statistics
- Peer group data updated live in real-time for faster troubleshooting

Did you know you can manage both daily QC activities and calibration verification on one centralised platform?

Find out more at [www.randoxqc.com](http://www.randoxqc.com)

# RANDOX - A GLOBAL DIAGNOSTIC SOLUTIONS PROVIDER

Randox has been supplying laboratories worldwide with revolutionary diagnostic solutions for over 35 years. Our experience and expertise allow us to create a leading product portfolio of high quality diagnostic tools which offer reliable and rapid diagnosis. We believe that by providing laboratories with the right tools, we can improve healthcare worldwide.



## RX SERIES

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



## 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. At Randox, we re-invest significantly in R&D to ensure we meet the ever-changing needs of the laboratory. Consequently, Randox offer a range of novel and superior performance assays, including: sdLDL-C, Lipoprotein (a), H-FABP, Adiponectin, Copper and Zinc. Applications are available detailing instrument-specific settings for the convenient use of Randox Reagents on numerous clinical chemistry analysers.



## INTERNAL QUALITY CONTROL

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



## EXTERNAL QUALITY ASSESSMENT

RIQAS is the world's largest international EQA scheme with more than 47,000 participants worldwide. 33 comprehensive, yet flexible programmes cover a wide range of clinical diagnostic testing including chemistry, immunoassay, cardiac, urine, serology and more. Our programmes benefit from a wide range of concentrations, frequent reporting, rapid feedback and user-friendly reports. QCMD, our range of EQA programmes for molecular infectious disease testing, features a whole pathogen matrix making them a true test of patient sample analysis. With access to over 90 programmes including blood borne viruses, respiratory diseases, multi-pathogen infections and more, there is something for every laboratory.

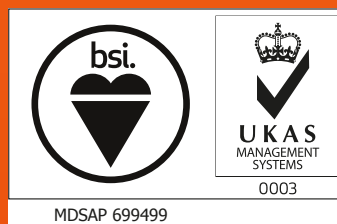


## EVIDENCE SERIES

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



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Information correct at time of print. Product availability may vary from country to country. Some products may be for Research use Only. For more information on product application and availability, please contact us. Address: One Broadway, 14th Floor, Cambridge, MA 02142, U.S.A. Tel: (+1)617-500-2741. Website: <https://www.bgi.com/us/>. Email: [info@bgiamericas.com](mailto:info@bgiamericas.com).

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