

Linearity Sets



The new Acusera Linearity Sets have been designed with convenience in mind, helping you to easily meet CLIA requirements for calibration verification and assessment of linearity. Our liquid ready-to-use verifiers are supplied in varying levels and available in multiple configurations to meet the specific requirements of individual analyzers while challenging the complete reportable range and ultimately ensuring accurate patient testing. All linearity sets are supplied with complimentary data reduction software providing instant access to reports and real-time peer group data.

In order to ensure the highest possible standards in laboratory testing CLIA has recommended that laboratories perform and document calibration verification procedures at least twice per year and/or in the event of the following;

- Change of reagents
 - Instrument maintenance
 - Poor QC results
 - New instrument
-

Cardiac

Combining up to six common cardiac markers in a single product, the Acusera Cardiac Linearity Sets will reduce the number of individual products required to cover your test menu. Ensure specific instrument requirements are met with the availability of dedicated solutions for both Beckman & Roche Cobas systems. A minimum of five unique levels are provided in a user-friendly, liquid ready-to-use format eliminating the need for manual dilution and significantly reducing preparation time.



Solutions for Beckman analyzers

Analytes

CK-MB Mass | Myoglobin | Troponin I

Ordering Details

Cardiac Linearity Verifiers (for Beckman systems) 5 x 2 ml LV10151

Features & Benefits

- Convenient, liquid ready-to-use format
- 5 levels provided
- 30 day open vial stability at 2°C to 8°C

Solutions for Roche Cobas analyzers

Analytes

CK-MB Mass | D-Dimer | Myoglobin
NT-proBNP | Troponin T | hsTroponin T

Ordering Details

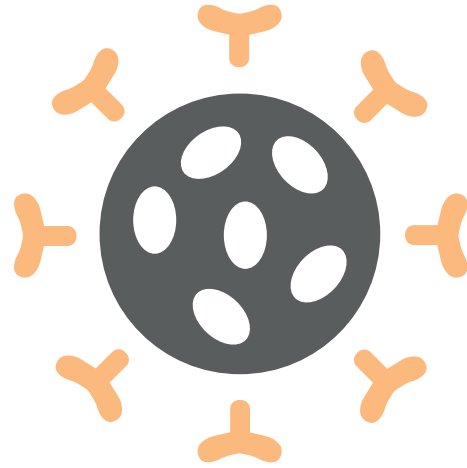
Cardiac Linearity Verifiers (for Roche systems) 6 x 2 ml LV10150

Features & Benefits

- Convenient, liquid ready-to-use format
- 6 levels provided
- 30 day open vial stability at 2°C to 8°C

Specific Proteins

A comprehensive range of serum proteins are available, supplied in multiple configurations designed to cover your laboratory's test menu and ensure supplier consolidation. Several unique options are available for both Beckman AU and Roche Cobas systems delivering accurate assessment of the instruments reportable range. The added advantage of a 30 day open vial stability and liquid ready-to-use format ensures availability of product for troubleshooting and maintains user convenience.



Specific Proteins I

Solutions for Beckman AU analyzers

Analytes

ASO | Complement C3 | Complement C4 | CRP
Ferritin | IgA | IgG | IgM | Prealbumin | Transferrin

Ordering Details

Protein I Linearity Verifiers (for Beckman AU systems) 5 x 1.5 ml LV10147

Features & Benefits

- Convenient, liquid ready-to-use format
- 5 levels provided
- 30 day open vial stability at 2°C to 8°C

Solutions for Roche Cobas analyzers

Analytes

Complement C3 | Complement C4
IgA | IgG | IgM | Transferrin

Ordering Details

Protein I Linearity Verifiers (for Roche systems) 6 x 1 ml LV10143

Specific Proteins 2

Solutions for Beckman AU analyzers

Analytes

α -1-Acid Glycoprotein | α -1-Antitrypsin
 β -2-Microglobulin | Ceruloplasmin | Haptoglobin

Ordering Details

Protein 2 Linearity Verifiers (for Beckman AU systems) 5 x 1.5 ml LV10148

Features & Benefits

- Convenient, liquid ready-to-use format
- 5 levels provided
- 30 day open vial stability at 2°C to 8°C

Solutions for Roche Cobas analyzers

Analytes

α -1-Acid Glycoprotein | α -1-Antitrypsin | β -2-Microglobulin
Ceruloplasmin

Ordering Details

Protein 2 Linearity Verifiers (for Roche systems) 5 x 1 ml LV10144

Features & Benefits

- Convenient, liquid ready-to-use format
- 5 levels provided
- 30 day open vial stability at 2°C to 8°C

Specific Proteins 3

Solutions for Roche Cobas analyzers

Analytes

ASO | CRP | Haptoglobin

Ordering Details

Protein 3 Linearity Verifiers (for Roche systems) 6 x 1 ml LV10145

Features & Benefits

- Convenient, liquid ready-to-use format
- 6 levels provided (5 for Haptoglobin)
- 30 day open vial stability at 2°C to 8°C

Specific Proteins 4

Solutions for Roche Cobas analyzers

Analytes

Albumin | Prealbumin | Rheumatoid Factor

Ordering Details

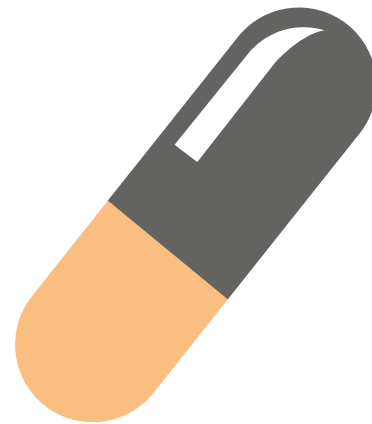
Protein 4 Linearity Verifiers (for Roche systems) 6 x 1 ml LV10146

Features & Benefits

- Convenient, liquid ready-to-use format
- 6 levels provided (5 for Rheumatoid Factor)
- 30 day open vial stability at 2°C to 8°C

Therapeutic Drugs

The Acusera Therapeutic Drug Monitoring Linearity Sets are specifically designed for use with Beckman AU systems and are available in five unique levels spanning the instrument's reportable range. A total of 21 therapeutic drugs are covered in a single, liquid ready-to-use product eliminating the need to purchase additional material to cover your test menu while remaining easy and convenient to use.



Solutions for Beckman AU analyzers

Analytes

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

Ordering Details

Therapeutic Drug Monitoring Linearity Verifiers (for Beckman AU systems) 5 x 3 ml LV10149

Features & Benefits

- Convenient, liquid ready-to-use format
- 5 levels provided
- 14 day open vial stability at 2°C to 8°C

Dedicated solutions are available for Roche Cobas & Beckman systems. Use the table below to determine the best solution for your lab.

<i>Analytes</i>	<i>Beckman</i>	<i>Roche Cobas</i>
Cardiac		
CK-MB Mass	●	●
D-Dimer	-	●
Myoglobin	●	●
NT-proBNP	-	●
Troponin I	●	-
Troponin T	-	●
hsTroponin T	-	●
Specific Proteins 1		
ASO	●	-
Complement C3	●	●
Complement C4	●	●
CRP	●	-
Ferritin	●	-
IgA	●	●
IgG	●	●
IgM	●	●
Prealbumin	●	-
Transferrin	●	●
Specific Proteins 2		
α-1-Acid Glycoprotein	●	●
α-1-Antitrypsin	●	●
β-2-Microglobulin	●	●
Ceruloplasmin	●	●
Haptoglobin	●	-
Specific Proteins 3		
ASO	-	●
CRP	-	●
Haptoglobin	-	●
Specific Proteins 4		
Albumin	-	●
Prealbumin	-	●
Rheumatoid Factor	-	●

<i>Analytes</i>	<i>Beckman</i>	<i>Roche Cobas</i>
TDM		
Acetaminophen	●	-
Amikacin	●	-
Caffeine	●	-
Carbamazepine	●	-
Digoxin	●	-
Disopyramide	●	-
Ethosuximide	●	-
Gentamicin	●	-
Lidocaine	●	-
Lithium	●	-
N-Acetylprocainamide	●	-
Phenobarbital	●	-
Phenytoin	●	-
Primidone	●	-
Procainamide	●	-
Quinidine	●	-
Salicylate	●	-
Theophylline	●	-
Tobramycin	●	-
Valproic Acid	●	-
Vancomycin	●	-

RANDOX

QUALITY CONTROL

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Acusera Verify Data Reduction Software

Complimentary data reduction software is supplied with all Acusera Linearity Sets. When used in combination you can effectively challenge your instrument across the complete reportable range while ultimately ensuring accurate and reliable patient testing.



- **Online access anytime, anywhere** for user convenience
- **Intuitive user interface** with simple data entry functionality
- **Easy to interpret charts** for at-a-glance performance assessment
- **Access to peer group data** for enhanced troubleshooting
- **Expert technical support** available

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 analyzing data facilitating immediate laboratory decisions.

If there are any issues with your Acusera Verify software please contact acuseraverifyoperations@radox.com

find out more



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