

ACUSERA 

Speciality and Research Controls

Speciality and Research Product Range		
Product Description	Size	Cat. No.
Antimicrobial Array I Plus Control	3 x 1 ml	AMC5084
Antimicrobial Control II	3 x 1 ml	AMC5035
Antimicrobial Control III	3 x 1 ml	AMC5036
Growth Promoter Control	3 x 1 ml	GP5003
Cell Adhesion Molecules Control	3 x 3 x 1 ml	EV3569
Adhesion Molecules Calibrator Series	9 x 1 ml	EV3568
Cerebral Series I Control	3 x 3 x 1 ml	CAB5008
Cerebral Array I Calibrator Series	9 x 1 ml	EV3625
Cerebral Series II Control	3 x 3 x 0.5 ml	CBB5009
Cytokine Array I Control	3 x 3 x 1 ml	CY5006
Cytokine Array I Control (High Sensitivity)	3 x 3 x 2 ml	CY5005
Cytokine Array Calibrator Series	9 x 1 ml	EV3561
Cytokine Array III Control	3 x 3 x 1 ml	CY5012
Cytokine Array III Calibrator Series	9 x 1 ml	EV3679
Cytokine Array IV Control	3 x 3 x 1 ml	CY5011
Cytokine Array IV Calibrator Series	9 x 1 ml	EV3658
Cytokine Array V Control	3 x 3 x 1 ml	CY5010
Cardiac Array Control	3 x 3 x 1 ml	EV3691
Endocrine Array Controls	3 x 3 x 1 ml	EV3713
Endocrine Array Calibrator Series	9 x 1 ml	EV3712
Evidence Immunoassay Controls	4 x 3 x 5 ml	EV3570
Synthetic Steroids Control	3 x 1 ml	EV3709
Synthetic Steroids Calibrator	9 x 1 ml	EV3708
Metabolic Syndrome Array I Controls	3 x 3 x 1 ml	EV3757
Metabolic Syndrome Array I Calibrators	9 x 1 ml	EV3756
Thyroid Total Calibrator Series	9 x 1 ml	EV3555
Thyroid Free Calibrator Series	9 x 1 ml	EV3563

Antimicrobial Array I Plus Control

Analytes			
Sulphadiazine	Sulphathiazole	Sulphisoxazole	Sulphamethoxazole
Sulphadimethoxine	Sulphachlorpyridazine	Sulphamethizole	Sulphamonomethoxine
Sulphaquinoxaline	Sulphapyridine	Sulphadoxine	Trimethoprim
Sulphamethazine	Sulphamethoxyipyridazine	Sulphamerazine	

A multi-analyte control containing target values and ranges for 15 different antimicrobial agents.

- Liquid ready-to-use
- Assayed values available for Randox biochip systems
- Stable to expiry date at 2°C to 8°C

Description	Size	Cat. No.
Antimicrobial Array I Plus Control	3 x 1 ml	AMC5084

Antimicrobial Control II

Analytes		
Tetracyclines (generic)	Thiamphenicol	Streptomycin
Quinolones (generic)	Tylosin	Ceftiofur

A multi-analyte control supplied with values for 6 different antimicrobial agents used extensively in veterinary medicine.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 24 hours at 2°C to 8°C or 2 weeks at -20°C

Description	Size	Cat. No.
Antimicrobial Control II	3 x 1 ml	AMC5035

Antimicrobial Control III

Analytes	
5-Methylmorpholino-3-amino-2-oxazolidinone (AMOZ)	Semicarbazine (SEM)
1-Amino hydantoin hydrochloride (AHD)	Chloramphenicol
3-Amino-2-oxazolidinone (AOZ)	

Multi-analyte control containing values for 5 different antimicrobial agents.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 28 days at 2°C to 8°C or 28 days at -20°C

Description	Size	Cat. No.
Antimicrobial Control III	3 x 1 ml	AMC5036

Growth Promoter Control

Analytes		
Boldenone Zeranol Ractopamine	Corticosteroids Nandrolone Stilbenes	Trenbolone Stanozolol Beta-Agonists (Clenbuterol)

A multi-analyte control provided with accurately assigned target values and ranges for 9 different growth promoters.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 14 days at 2°C to 8°C

Description	Size	Cat. No.
Growth Promoter Control	3 x 1 ml	GP5003

Cell Adhesion Molecules Control and Calibrator

Analytes	
Vascular cell adhesion molecule-I (VCAM-I) Intercellular adhesion molecule-I (ICAM-I) E-Selectin (E-SEL)	P-Selectin (P-SEL) L-Selectin (L-SEL)

A multi-analyte control with target values and ranges supplied for 5 different adhesion molecules.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 24 hours at 2°C to 8°C or 7 days at -20°C

Description	Size	Cat. No.
Adhesion Molecules Tri-Level Control	3 x 3 x 1 ml	EV3569
Adhesion Molecules Calibrator Series	9 x 1 ml	EV3568

Cerebral Series I Control and Calibrator

Analytes	
Brain Derived Neurotrophic Factor (BDNF) Fatty Acid Binding Protein (FABP)	Glial Fibrillary Acidic Protein (GFAP) Interleukin 6 (IL6)

A multi-analyte control with target values and ranges provided for 4 analytes.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 8 hours at 2°C to 8°C or 21 days at -20°C

Description	Size	Cat. No.
Cerebral Series I Tri-Level Control	3 x 3 x 1 ml	CAB5008
Cerebral Array I Calibrator Series	9 x 1 ml	EV3625

Cerebral Series II Control

Analytes

Neuron Specific Enolase (NSE)
Neutrophil Gelatinase-associated Lipocalin (NGAL)
Soluble Tumour Necrosis Factor Receptor I (sTNFR1)

D-dimer
Thrombomodulin (TM)
C-Reactive Protein (CRP)

A multi-analyte control with target values and ranges provided for 6 analytes.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 8 hours at 2°C to 8°C or 14 days at -80°C

Description

Cerebral Series II Tri-Level Control

Size

3 × 3 × 0.5 ml

Cat. No.

CBB5009

Cytokine Array I and High Sensitivity Cytokine Array I Controls and Calibrator

Analytes

Interleukin - 1a (IL-1a)
Interleukin - 1b (IL-1b)
Interleukin - 2 (IL2)
Interleukin - 4 (IL4)
Interleukin - 6 (IL6)
Interleukin - 8 (IL8)
Interleukin - 10 (IL10)

Vascular Endothelial Growth Factor (VEGF)
Interferon γ (IFN γ)
Tumour Necrosis Factor α (TNF α)
Monocyte Chemoattractant Protein-1 (MCP-1)
Epidermal Growth Factor (EGF)

Multi-analyte controls with target values and ranges provided for 12 different cytokines.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 10-12 hours at 2°C to 8°C or 14 days at -20°C
- High sensitivity - Reconstituted stability of 4 hours at 2°C to 8°C or 7 days at -20°C

Description

Cytokine Array I Tri-Level Control

High Sensitivity Cytokine Array I Tri-Level Control

Cytokine Array Calibrator Series

Size

3 × 3 × 1 ml

3 × 3 × 2 ml

9 × 1 ml

Cat. No.

CY5006

Y5005

EV3561

Cytokine Array III Control and Calibrator

Analytes	
Interleukin - 5 (IL-5) Interleukin - 15 (IL15)	Granulocyte Macrophage Colony-Stimulating Factor (GMCSF) Macrophage Inflammatory Protein-1 Alpha (MIP-1 α)

A multi-analyte control with target values and ranges provided for 4 analytes.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 24 hours at 2°C to 8°C or 28 days at -20°C

Description	Size	Cat. No.
Cytokine Array III Tri-Level Control	3 x 3 x 1 ml	CY5012
Cytokine Array III Calibrator Series	9 x 1 ml	EV3679

Cytokine Array IV Control and Calibrator

Analytes	
Soluble Interleukin-2-Receptor α (sIL-2R α) Soluble Interleukin-6-Receptor (sIL-6R) Soluble Tumour Necrosis Factor Receptor I (sTNFR I)	Soluble Tumour Necrosis Factor Receptor II (sTNFR II) Matrix Metalloproteinase-9 (MMP-9)

A multi-analyte control with target values and ranges provided for 5 analytes.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 7 days at 2°C to 8°C or 28 days at -20°C

Description	Size	Cat. No.
Cytokine Array IV Tri-Level Control	3 x 3 x 1 ml	CY5011
Cytokine Array IV Calibrator Series	9 x 1 ml	EV3658

Cytokine Array V Control

Analytes	
Interleukin-3 (IL-3) Interleukin-7 (IL7) Interleukin 12p70 (IL12p70)	Interleukin-13 (IL13) Interleukin-23 (IL23)

A multi-analyte control with target values and ranges provided for 5 analytes.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry when stored at 2°C to 8°C
- Reconstituted stability of 14 days at 2°C to 8°C or 21 days at -20°C

Description	Size	Cat. No.
Cytokine Array V Tri-Level Control	3 x 3 x 1 ml	CY5010

Cardiac Array Control

Analytes	
CK-MB H-FABP	Myoglobin Troponin I

Multi-analyte cardiac control designed for use in the routine monitoring of precision on clinical chemistry and immunoassay systems. This is the only control of its type to include the novel marker heart type fatty acid binding protein (H - FABP). Three levels of control are supplied spanning the complete clinical range.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human serum
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 16 hours at 2°C to 8°C or 7 weeks at -80°C

Description	Size	Cat. No.
Cardiac Array Controls	3 x 3 x 1 ml	EV3691

Endocrine Array Control and Calibrator

Analytes	
Cortisol DHEA-S	17 α Hydroxyprogesterone Leptin

Human based control designed for use in the routine monitoring of both accuracy and precision. Three levels of control are supplied with assayed target values and ranges provided for 4 analytes.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 7 days at 2°C to 8°C or 21 days at -20°C

Description	Size	Cat. No.
Endocrine Array Controls	3 x 3 x 1 ml	EV3713
Endocrine Array Calibrator Series	9 x 1 ml	EV3712

Evidence Immunoassay Control

Analytes		
CEA	Leutinising Hormone	Testosterone
Estradiol	Prolactin	Total T ₄
FSH	Progesterone	Total T ₃
Free T ₄	PSA (Total)	TSH
Free T ₃	PSA (Free)	

Multi-analyte immunoassay control designed for use in the routine monitoring of the Randox Fertility, Thyroid and Tumour Marker Arrays.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human serum
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 7 days at 2°C to 8°C or 4 weeks at -20°C

Description	Size	Cat. No.
Evidence Immunoassay Controls	4 x 3 x 5 ml	EV3570

Synthetic Steroids Control and Calibrator

Analytes		
17β Clostebol	Gestagens (generic)	Methandriol
Ethinylestradiol	Methyltestosterone	

Human based control designed for use in the routine monitoring of both accuracy and precision. Assayed target values and ranges are provided for 5 different synthetic steroids.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 3 days at 2°C to 8°C or 14 days at -20°C

Description	Size	Cat. No.
Synthetic Steroids Control	3 x 1 ml	EV3709
Synthetic Steroids Calibrator	9 x 1 ml	EV3708

Metabolic Syndrome Array I Control and Calibrator

Analytes		
C-Peptide Ferritin Interleukin-6 (IL6)	Resistin Insulin Interleukin-1 α (IL-1 α)	Tumour Necrosis Factor α (TNF α) Leptin Plasminogen Activator Inhibitor-I

A multi-analyte control with target values and ranges provided for 9 parameters associated with metabolic syndrome.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 72 hours at 2°C to 8°C and 7 days at -20°C

Description	Size	Cat. No.
Metabolic Syndrome Array I Controls	3 x 3 x 1 ml	EV3757
Metabolic Syndrome Array I Calibrator	9 x 1 ml	EV3756

Thyroid Total Calibrator

Analytes		
TSH	T ₄	T ₃

A comprehensive multi analyte calibrator designed for use in the calibration of the Randox Thyroid Total Array on Randox Biochip systems.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 7 days at 2°C to 8°C and 4 weeks at -20°C

Description	Size	Cat. No.
Thyroid Total Calibrator Series	9 x 1 ml	EV3555

Thyroid Free Calibrator

Analytes		
TSH	FT ₄	FT ₃

A comprehensive multi analyte calibrator designed for use in the calibration of the Randox Thyroid Free Array on Randox Biochip systems.

- Lyophilised for enhanced stability
- Assayed values available for Randox biochip systems
- 100% human material
- Stable to expiry date at 2°C to 8°C
- Reconstituted stability of 7 days at 2°C to 8°C and 4 weeks at -20°C

Description	Size	Cat. No.
Thyroid Free Calibrator Series	9 x 1 ml	EV3563