

thermo scientific



Simplifying your quality controls

Thermo Scientific MAS

Quality Control Products

LabLink xL Quality Assurance Program

ThermoFisher
SCIENTIFIC

Experience our quality
Improve your results



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Thermo Scientific MAS

Omni Controls





Streamline your workflow

Consolidate multiple QC products

Omni•CARDIO

Thermo Scientific™ MAS™ Omni•CARDIO™ consolidates a comprehensive cardiac marker panel with the new generation of STAT analytes including D-Dimer, hCG, Myeloperoxidase and Procalcitonin. Value assignment is provided for key instrument systems including Abbott Architect, Beckman Coulter Access, AU and UniCel systems, Ortho Clinical Diagnostics VITROS, Roche Cobas and Elecsys systems and Siemens Advia, Dimension, Dimension Vista, Immulite and Stratus systems.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
OCRD-UL	Ultra Low	6 x 3 mL Assayed	36 months @ -25 to -15 °C 15 days @ 2-8 °C (for BNP-32, CK-MB, D-Dimer, Digitoxin, hCG, hsCRP, Myeloperoxidase, Procalcitonin, Total CK, Troponin-I and Troponin-T) 10 days @ 2-8 °C (for Myoglobin and NT-proBNP)	Human Serum
OCRD-L	Low			
OCRD-101	1			
OCRD-202	2			
OCRD-303	3			
OCRD-MP	Tri-Level Multi-Pack (2 vials each level 1/2/3)			

Analytes

Brain Natriuretic Peptide-32 (BNP-32)
Creatinine Kinase-MB (CK-MB)
D-Dimer
Digitoxin
Human Chorionic Gonadotropin (hCG)

Beta Human Chorionic Gonadotropin (b-hCG)
High Sensitivity C-Reactive Protein (hsCRP)
Myeloperoxidase (MPO)
Myoglobin
N-Terminal Brain Natriuretic Peptide (NT-proBNP)

Procalcitonin (PCT)
Total Creatinine Kinase (Total CK)
Troponin I
Troponin T

Thermo Scientific MAS

Omni Controls



Omni•CORE

Thermo Scientific™ MAS™ Omni•CORE™ Control consolidates general chemistry and serum protein QC processing into a single product, offering three distinct levels. Value assignment is provided for key integrated instrument systems, including Abbott Architect, Beckman Coulter AU, Synchron and UniCel, Ortho Clinical Diagnostics Vitros, Roche Cobas and Elecsys systems and Siemens Advia, Dimension and Dimension Vista.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
OCR-101	1	6 x 5 mL Assayed	36 month shelf life @ -25 to -15 °C 30 days open vial @ 2 to 8 °C (Bilirubin is 15 days open vial @ 2 to 8 °C)	Human Serum
OCR-202	2			
OCR-303	3			

Analytes

General Chemistry			
Albumin	LDL Cholesterol	Methotrexate	Endocrine/Hormone Tests
Alkaline Phosphatase (ALP)	Lipase	N-acetylprocainamide (NAPA)	Cortisol
Alanine Aminotransferase (ALT)	Magnesium	Phenobarbital	Allergy Tests
Amylase	Osmolality	Phenytoin	Immunoglobulin E (IgE)
Amylase (pancreatic)	Phospholipids	Primidone	Serum Proteins/Serology Tests
Aspartate Aminotransferase (AST)	Phosphorus	Procainamide	Alpha-1-Acid Glycoprotein
Bile Acids	Potassium	Quinidine	Alpha-1-Antitrypsin
Bilirubin, Conjugated	Pseudocholinesterase (PCHE)	Salicylate	Alpha-2-Macroglobulin
Bilirubin, Direct (DBIL)	Sodium	Theophylline	Antistreptolysin O (ASO)
Bilirubin, Neonatal	Total Protein	Tobramycin	Apolipoprotein A1
Bilirubin, Total (TBIL)	Triglycerides	Tricyclic Antidepressants (TCA)	Apolipoprotein B
Bilirubin, Unconjugated	Uric Acid	Valproic Acid	Beta-2-Microglobulin
Blood Urea Nitrogen (BUN)	Zinc	Vancomycin	C3 Complement
Calcium	TDM/Toxicology Tests	Anemia/Iron Deficiency Tests	C4 Complement
Chloride	Acetaminophen	Ferritin	Ceruloplasmin
Cholesterol	Amikacin	Iron	C-Reactive Protein (CRP)
Creatine Kinase (CK)	Caffeine	Iron Binding Capacity (IBC)	Haptoglobin
Carbon Dioxide (CO2)	Carbamazepine	Iron Binding Capacity, Total (TIBC)	Immunoglobulin A (IgA)
Copper	Digoxin	Iron Binding Capacity, Unsaturated (UIBC)	Immunoglobulin G (IgG)
Creatinine	Disopyramide	Transferrin	Immunoglobulin M (IgM)
Gamma-Glutamyl Transferase (GGT)	Ethanol	Thyroid Function Tests	Lipoprotein(a)
Glucose	Ethosuximide	Thyroxine, Total (TT4)	Prealbumin
HDL Cholesterol	Gentamicin	Thyroid-Stimulating Hormone (TSH)	Rheumatoid Factor
Lactic Acid	Lidocaine	Thyroid Uptake (T-Uptake)	
Lactate Dehydrogenase (LDH)	Lithium		

Omni•IMMUNE

Thermo Scientific MAS Omni•IMMUNE™ & Omni•IMMUNE PRO™ Controls provide consolidation for routine immunoassay, tumor marker and specialty immunoassay QC processing into a single product, offering three distinct levels. Value assignment is provided for key integrated instrument systems including Abbott Architect, Beckman Coulter Access and UniCel, Ortho Clinical Diagnostics Vitros, Roche Cobas and Elecsys systems and Siemens Centaur, Dimension, Dimension Vista and Immulite.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
OIM-101	1	6 x 5 mL Assayed	36 month shelf life @ -25 to -15 °C 30 days open vial @ 2 to 8 °C	Human Serum
OIM-202	2			
OIM-303	3			

Omni•IMMUNE PRO

Thermo Scientific MAS Omni•IMMUNE PRO™ Control provides Anti-Thyroglobulin (Anti-Tg), Anti-Thyroid Peroxidase (Anti-TPO) and Sex Hormone Binding Globulin (SHBG), in addition to the same analyte panel provided in the MAS Omni•IMMUNE product.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
OPRO-101	1	6 x 5 mL Assayed	36 month shelf life @ -25 to -15 °C 30 days open vial @ 2 to 8 °C	Human Serum
OPRO-202	2			
OPRO-303	3			

Analytes

New Specialty Tests

25-OH-Vitamin D
Anti-Thyroglobulin (Anti-Tg) (PRO)
Anti-Thyroid Peroxidase (Anti-TPO) (PRO)
C-Peptide
Estriol, Free
Fructosamine*
IGF-1 (insulin-like growth factor 1)
Inhibin A
Phenytoin, Free
Procalcitonin
Parathyroid Hormone (PTH)
Sex Hormone-Binding Globulin (SHBG) (PRO)
Thyroxine-Binding Globulin (TBG)
Valproic Acid, Free

Theophylline
Tobramycin
Tricyclic Antidepressants (TCA)
Valproic Acid
Vancomycin

Thyroid Function Tests

Triiodothyronine, Free (FT3)
Triiodothyronine, Total (TT3)
Thyroxine, Free (FT4)
Thyroxine, Total (TT4)
Thyroglobulin
Thyroid-Stimulating Hormone (TSH)
Thyroid Uptake (T-Uptake)

Tumor Marker Tests

Adrenocorticotrophic Hormone (ACTH)
Beta-2-microglobulin
CA 125
CA 15-3
CA 19-9
Carcinoembryonic Antigen (CEA)
Gastrin
Prostatic Acid Phosphatase (PAP)
Prostate Specific Antigen, Free (FPSA)
Prostate Specific Antigen, Total (TPSA)

Reproductive/Fertility Tests

17-OH-Progesterone
Alpha-fetoprotein
Estradiol

Follicle Stimulating Hormone (FSH)
Human Chorionic Gonadotropin (hCG)
Beta Human Chorionic Gonadotropin (b-hCG)
Lutenizing Hormone (LH)
Progesterone
Prolactin
Testosterone

Endocrine/Hormone Tests

Aldosterone
Cortisol
DHEA Sulfate
Growth Hormone

Cardiac Tests

Homocysteine

Anemia/Iron Deficiency Tests

Ferritin
Folate (vitamin B9)
Vitamin B12

Allergy Tests

Immunoglobulin E (IgE)

TDM/Toxicology Tests

Acetaminophen
Amikacin
Benzodiazepine
Carbamazepine
Digoxin
Disopyramide
Ethosuximide
Gentamicin
Lidocaine
Lithium
N-acetylprocainamide (NAPA)
Phenobarbital
Phenytoin
Primidone
Procainamide
Quinidine
Salicylate

* These constituent levels have not been adjusted but are at levels found in the source material used in preparation of the controls. No claim is made for expected values of these constituents.

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

Dropper Tips - Pkg 100 - MAS P/N 286-606



Thermo Scientific MAS

Serum Chemistry Controls



MAS chemTRAK®•H

This is a comprehensive multi-analyte control, designed to monitor general chemistry and TDM methods. Available in an assayed or unassayed format. Both formats are liquid, ready-to-use and no additional preparation is required. Assayed values are available for most major platforms.

Part Number	Level	Bottles & Size	Storage & Stability*	Matrix
CHA-1	1	6 x 5 mL Assayed	30 month shelf life @ -25 to -15 °C 14 days open-vial @ 2 to 8 °C; unassayed 7 days open-vial @ 2 to 8 °C; assayed	Human Serum
CHA-2	2			
CHA-3	3			
CHU-1	1	10 x 15 mL Unassayed		
CHU-2	2			
CHU-3	3			

Analytes

Acetaminophen	Carbon Dioxide (CO2)	Iron Binding Capacity, Total (TIBC)	Procainamide
Alanine Aminotransferase (ALT)	Chloride	Iron Binding Capacity, Unsaturated (UIBC)*	Pseudocholinesterase
Albumin	Cholesterol	Lactate Dehydrogenase (LDH)	Quinidine
Alkaline Phosphatase	Creatine Kinase (CK)	Lactic Acid	Salicylate
Amikacin	Creatinine	LDL Cholesterol	Sodium
Amylase	Digoxin	Lidocaine	Theophylline
Amylase (Pancreatic)	Disopyramide	Lipase	Thyroid Stimulating Hormone
Apolipoprotein A	Ethanol	Lipoprotein (a)	Thyroid Uptake (T-Uptake)
Apolipoprotein B	Ethosuximide	Lithium	Thyroxine, Free (FT4)*
Aspartate Aminotransferase (AST)	Ferritin*	Magnesium	Thyroxine, Total (TT4)
Bilirubin Unconjugated	Gamma-Glutamyl Transferase	Methotrexate	Tobramycin
Bilirubin, Conjugated	Gentamicin	N-acetylprocainamide (NAPA)	Total Protein
Bilirubin, Direct (DBIL)	GLDH*	Osmolality	Transferrin*
Bilirubin, Neonatal	Glucose	Phenobarbital	Tricyclic Antidepressants
Bilirubin, Total (TBIL)	Haptoglobin*	Phenytion	Triglycerides
Blood Urea Nitrogen (BUN)	HBDH*	Phosphorus	Triiodothyronine, Free (FT3)*
C3 Complement*	HDL Cholesterol	Potassium	Triiodothyronine, Total (TT3)*
C4 Complement*	Immunoglobulin A (IgA)*	Prealbumin	Uric Acid
Caffeine	Immunoglobulin G (IgG)*	Primidone	Valproic Acid
Calcium	Immunoglobulin M (IgM)*		Vancomycin
Carbamazepine	Iron		

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.
 * These constituent levels have not been adjusted but are at levels found in the source material used in preparation of the controls. No claim is made for expected values of these constituents.

Dropper Tips - Pkg 100 - MAS P/N 286-606



MAS Alcohol/Ammonia

An assayed, bi-level control for monitoring ethanol and ammonia levels in serum. This ready-to-use product is packed in convenient multipacks and has been assayed for most major instruments. Normal Ammonia values in Level 1.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
AAC-MP	Bi-level, Multi-Pack	6 x 3.5 mL	24 month shelf life @ 2 to 8 °C 30 days open-vial @ 2 to 8 °C	Human Serum

Analytes

Ammonia
Ethanol

MAS Bilirubin

This assayed, tri-level control has been designed to monitor the performance of total, direct, conjugated, unconjugated and neonatal bilirubin. There are no additional preparation steps required for this liquid, ready-to-use product. An elevated Bilirubin is included in level 3 for neonatal applications.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
BC101	1	6 x 5 mL	24 month shelf life @ 2 to 8 °C 14 days open-vial @ 2 to 8 °C when stored in the dark	Bovine Serum
BC102	2			
BC103	3			

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

Analytes

Bilirubin, Conjugated
Bilirubin, Direct (DBIL)
Bilirubin, Neonatal
Bilirubin, Total (TBIL)
Bilirubin, Unconjugated

Dropper Tips - Pkg 100 - MAS P/N 286-606

Thermo Scientific MAS

Urine Chemistry Controls



MAS UA Control

A bi-level control that is liquid and ready-to-use with improved room temperature storage capability. This urine control was designed for monitoring urine dipstick and microscopic components and is assayed for most major reagent strips and strip systems. It includes ten commonly tested dipstick tests plus Microalbumin, Creatinine and hCG.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
UAB-115	1	6 x 15 mL	24 month shelf life @ 2 to 8 °C Open Vial: Refrigerated 3 months @ 2 to 8 °C Room temperature 6 weeks @ 18 to 25 °C	Human Urine
UAB-160	(normal)	4 x 60 mL		
UAB-215	2	6 x 15 mL		
UAB-260	(abnormal)	4 x 60 mL		
UAB-MP	Bi-level, Multi-Pack	6 x 15 mL		

Analytes

Bilirubin	Osmolality
Blood	pH
Creatinine	Potassium
Crystals	Protein
Glucose	Protein-to-creatinine ratio
Human Chorionic Gonadotropin (hCG)	Red Blood Cells
Ketones	Sodium
Leukocyte Esterase	Specific Gravity
Microalbumin	Urobilinogen
Nitrite	White Blood Cells

MAS UA DipTube

MAS UA product packed into convenient dip tubes to simplify manual testing of urinalysis strips.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
UAT-MP	Bi-level, Multi-Pack	10 x 12 mL	24 months shelf life @ 2 to 8 °C Open Vial: Refrigerated 8 weeks or 20 dips @ 2 to 8 °C Room temp 2 weeks or 10 dips @ 18 to 30 °C	Human Urine

Analytes

Bilirubin	Osmolality
Blood	pH
Creatinine	Potassium
Crystals	Protein
Glucose	Protein-to-creatinine ratio
Human Chorionic Gonadotropin (hCG)	Red Blood Cells
Ketones	Sodium
Leukocyte Esterase	Specific Gravity
Microalbumin	Urobilinogen
Nitrite	White Blood Cells

MAS Urinalysis

A bi-level urine control designed for monitoring urine dipstick and microscopic components. This liquid control is assayed for most major reagent strips and strip systems.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
024222	1	4 x 15 mL	12 month shelf life @ 2 to 8 °C	Human Urine
024225	(abnormal)	4 x 60 mL	30 days open-vial @ 2 to 8 °C	
024224	3	4 x 15 mL	18 month shelf life @ 2 to 8 °C	
024227	(normal)	4 x 60 mL	30 days open-vial @ 2 to 8 °C	

Analytes

Bilirubin	pH
Blood	Potassium
Creatinine	Protein
Crystals	Red Blood Cells
Glucose	Sodium
Human Chorionic Gonadotropin (hCG)	Specific Gravity
Ketones	Urobilinogen
Leukocyte Esterase	White Blood Cells
Microalbumin	
Nitrite	
Osmolality	

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

Dropper Tips - Pkg 100 - MAS P/N 286-606



Sentry Urine Dipstick Control

Ideal for use outside the clinical laboratory where refrigerated storage isn't always available. The Sentry Urine Dipstick Control offers 12 months room temperature stability for an immediate, ready to use urinalysis strip control. Suitable for Mutistix, Chemstrips, Diascreen and other urinalysis strips as well as automated strip readers. Supplied in two levels, normal and abnormal.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
URN5005	Bi-level, Multi-Pack	4 x 25 mL	18 months shelf life 2 to 8 °C 12 months open-vial @ room temperature	Synthetic

Analytes

Bilirubin	Microalbumin
Blood	Nitrite
Glucose	pH
Human Chorionic Gonadotropin (hCG)	Protein
Leukocytes	Specific Gravity
Ketones	Urobilinogen

MAS UrichemTRAK

UrichemTRAK® is designed to quantitatively monitor the most commonly tested urine chemistry analytes. This liquid, assayed control is ready-to-use, requires no additional preparation and the non-azide formulation will not interfere with ISEs. It includes general chemistry, physical properties and hCG tests.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
UR11001	1	6 x 15 mL	24 month shelf life @ 2 to 8 °C opened and unopened	Human Urine
UR22002	2			
UR-MP	Bi-level, Multi-Pack			

Analytes

Amylase	pH
Calcium	Phosphorus
Chloride	Potassium
Cortisol	Sodium
Creatinine	Specific Gravity
Glucose	Total Protein
Human Chorionic Gonadotropin (hCG)	Urea Nitrogen
Magnesium	Uric Acid
Microalbumin	
Osmolality	

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

Dropper Tips - Pkg 100 - MAS P/N 286-606

Thermo Scientific MAS

Immunoassay Controls



MAS Liquimmune®

Save time and extra costs associated with lot changes using the MAS Liquimmune controls now with an extended shelf life. This multi-analyte immunoassay control is liquid based and designed to monitor immunoassay test procedures on automated instruments. Provides coverage of fertility, thyroid, iron deficiency, endocrine and allergy parameters. Assayed values are provided for major instrument systems.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
LIG-101	1	6 x 5 mL	60 month shelf life @ -25 to -15 °C	Human Serum
LIG-202	2		90 days unopened @ 2 to 8 °C	
LIG-303	3		30 days open-vial @ 2 to 8 °C	

Analytes

17-a-OH-Progesterone	Ethosuximide	Lidocaine	Testosterone
Acetaminophen	Ferritin	Lithium	Theophylline
Aldosterone	Folate	Luteinizing Hormone (LH)	Thyroglobulin
Alpha-Fetoprotein (AFP)	Follicle Stimulating Hormone (FSH)	N-acetylprocainamide (NAPA)	Thyroid Stimulating Hormone (TSH)
Amikacin	Gentamicin	Phenobarbital	Thyroid Uptake (T-Uptake)
Carbamazepine	Homocysteine	Phenytoin	Thyroxine, Free (FT4)
Carcinoembryonic Antigen (CEA)	Human Chorionic Gonadotropin (beta-hCG)	Primidone	Thyroxine, Total (TT4)
CK-MB (activity)	Human Chorionic Gonadotropin (hCG)	Procainamide	Tobramycin
CK-MB (mass)	Human Growth Hormone	Progesterone	Tricyclic Antidepressants
Cortisol	Immunoglobulin A (IgA)*	Prolactin	Triiodothyronine, Free (FT3)
DHEA-Sulfate	Immunoglobulin E (IgE)	Prostate Specific Antigen, Total (TPSA)	Triiodothyronine, Total (TT3)
Digoxin	Immunoglobulin G (IgG)*	Prostate Specific Antigen, Free (FPSA)	Valproic Acid
Disopyramide	Immunoglobulin M (IgM)*	Quinidine	Vancomycin
Estradiol	Insulin	Salicylate	Vitamin B12

* These constituent levels have not been adjusted but are at levels found in the source material used in preparation of the controls. No claim is made for expected values of these constituents.

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

Dropper Tips - Pkg 100 - MAS P/N 286-606



MAS PTH Control

PTH (Parathyroid Hormone) is commonly tested to assess Calcium regulation in blood. The MAS PTH Control offers three distinct PTH levels for evaluation of automated PTH methods across the assay range. Provided in a liquid format for ease of use, the MAS PTH Control offers 10 days open vial stability when stored at 2-8 °C. Value assignment is provided for the key automated PTH methods available in today's clinical laboratory.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
PTH-MP	Tri-level Multipack	6 x 3 mL	24 months @ -25 to 15 °C 10 days open-vial @ 2 to 8 °C	Human Serum

MAS PAR TDM

This liquid therapeutic drug control is a multi-analyte control with assayed values designed for therapeutic drugs and common immunoassay test procedures on most automated instruments. No additional preparation is required for this liquid, ready-to-use product that offers three significant levels.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
PTD1-1001	1	6 x 5 mL	36 month shelf life @ 2 to 8 °C 30 days open-vial @ 2 to 8 °C	Bovine Serum
PTD2-2002	2			
PTD3-3003	3			

MAS T-Marker

This liquid, assayed, multi-analyte control is designed to monitor performance of various cancer antigen tests on automated instruments, such as Abbott Architect®, Beckman Access/Dxl®, Ortho Vitros ECi®, Roche Modular Elecsys®, Siemens Advia Centaur® and Immulite®, and Tosoh AIA 600II®. No additional preparation steps are required for these ready-to-use products.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
TUM-101	1	6 x 3 mL	36 month shelf life @ -25 to -15 °C 90 days unopened @ 2 to 8 °C 30 days open-vial @ 2 to 8 °C	Human Serum
TUM-202	2			
TUM-303	3			

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

* Not cleared by FDA. No claims can be made.

Dropper Tips - Pkg 100 - MAS P/N 286-606

Analytes

Parathyroid Hormone (PTH)

Analytes

Acetaminophen	Phenobarbital
Amikacin	Phenytoin
Caffeine	Primidone
Carbamazepine	Procainamide
Digoxin	Quinidine
Disopyramide	Salicylate
Estril	Theophylline
Ethanol	Thyroid Stimulating Hormone (TSH)
Ethosuximide	Thyroxine, Total (TT4)
Gentamicin	Tobramycin
Lidocaine	Tricyclic Antidepressants
Lithium	Triiodothyronine, Total (TT3)
Methotrexate	Valproic Acid
N-acetylprocainamide (NAPA)	Vancomycin

Analytes

ACTH*	Cortisol
Aldosterone	CyFRA 21-1*
Alpha-Fetoprotein (AFP)	Estradiol
Beta Human Chorionic Gonadotropin (beta-hCG)	Ferritin
Beta-2-Microglobulin	Gastrin
CA 125	Human Chorionic Gonadotropin (hCG)
CA 15-3	Insulin
CA 19-9	NSE*
CA 27-29	Prolactin
CA 72-4	Prostate Specific Antigen, Total (TPSA)
Calcitonin	Prostate Specific Antigen, Free (FPSA)
Carcinoembryonic Antigen (CEA)	Prostatic Acid Phosphatase (PAP)
	Thyroglobulin

Thermo Scientific MAS

Cardiac & Diabetes Controls



MAS Cardiolmmune®•XL

This multi-analyte control is designed to monitor serum cardiac marker test methods. No additional preparation is required for this liquid, ready-to-use product. It offers four distinct levels, and is also available in a tri-level multipack.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
CAI-XLL	L	6 x 3 mL	36 month shelf life @ -25 to -15 °C 30 days open-vial @ 2 to 8 °C (for hsCRP, Digitoxin, Troponin I and Homocysteine) 15 days open-vial @ 2 to 8 °C for BNP32, Myoglobin (when a dropper tip is used), NT-proBNP, Troponin T, CK-MB	Human Serum
CAI-XL1	1			
CAI-XL2	2			
CAI-XL3	3			
CAI-XL4	Tri-level Multi-Pack			

Analytes

BNP 32
CK-MB
Digitoxin
Homocysteine
C-Reactive Protein high sensitivity (hs-CRP)
Myoglobin
NT-pro BNP
Troponin I
Troponin T

MAS Cardiolmmune® Ultra Low

A single analyte control designed to challenge the low end sensitivity of the next generation high sensitivity Troponin assays.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
CAI-UL	UL	6 x 3 mL	36 month shelf life @ -25 to -15 °C 30 days open-vial @ 2 to 8 °C	Human Serum

Analytes

Troponin I

MAS Diabetes

This liquid assayed diabetes control is a bi-level control designed to monitor hemoglobin A1c methods. Assayed for most major instrument systems. The liquid, ready-to-use product requires no additional preparation.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
DBCL-MP	Bi-level Multi-Pack	6 x 1 mL	24 month shelf life @ -25 to -15 °C 60 days unopened @ 2 to 8 °C 30 days open-vial @ 2 to 8 °C	Human Whole Blood

Analytes

Hemoglobin A1c (HbA1c)

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

Dropper Tips - Pkg 100 - MAS P/N 286-606

Immunology & Protein Controls



MAS Immunology

This multi-analyte immunology liquid assayed control is designed to monitor the performance of various serum protein and serology test procedures including Antistreptolysin O, C-Reactive Protein, Prealbumin and Rheumatoid Factor. It is assayed for major instrument systems and is ready-to-use, requiring no additional preparation. Three levels provide monitoring of the full assay range.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
IC-101	1	6 x 3 mL	24 month shelf life @ 2 to 8 °C 30 days open-vial @ 2 to 8 °C	Human Serum
IC-202	2			
IC-303	3			

Analytes

Albumin	Ferritin*
Alpha-1-Antitrypsin	Haptoglobin
Alpha-2-Macroglobulin	Immunoglobulin A (IgA)
Antistreptolysin O	Immunoglobulin E (IgE)
Antithrombin III	Immunoglobulin G (IgG)
Apha-1-Acid-Glycoprotein	Immunoglobulin M (IgM)
Apolipoprotein A-1*	Kappa Light Chain
Apolipoprotein B*	Lambda Light Chain
Beta-2-Microglobulin	Prealbumin
C-Reactive Protein (CRP)	Properdin Factor B
C3 Complement	Rheumatoid Factor (RF)
C4 Complement	Total Protein
Ceruloplasmin	Transferrin

MAS CSF

This assayed, bi-level control is designed to monitor the performance of quantitative and manual chemical analysis of human cerebrospinal fluid. Multiple oligoclonal bands are present in Level 2. Assayed for major instrument systems as well as for cellulose acetate and agarose gel electrophoresis. These products are liquid, ready-to-use and require no additional preparation.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
CSF-MP	Bi-level, Multi-Pack	6 x 3.5 mL	24 month shelf life @ 2 to 8 °C 30 days open-vial @ 2 to 8 °C	Human Serum

Analytes

Albumin	Lactic Acid
Alpha-1-Globulin	Oligoclonal Bands
Alpha-2-Globulin	Potassium
Beta-Globulin	Prealbumin
Chloride	Sodium
Gamma-Globulin	Total Protein
Glucose	
Glutamine	
Immunoglobulin A (IgA)*	
Immunoglobulin G (IgG)*	
Immunoglobulin M (IgM)*	
Lactate Dehydrogenase (LDH)	

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

* These constituent levels have not been adjusted but are at levels found in the source material used in preparation of the controls. No claim is made for expected values of these constituents.

Dropper Tips - Pkg 100 - MAS P/N 286-606

Thermo Scientific MAS

Toxicology Controls



MAS DOA TOTAL®

This multi-constituent urine toxicology control offers 19 analytes with 4 distinct levels at drug concentrations 25% below and above commonly used screening and SAMHSA* cutoffs. A drug-free level and high positive level are also available (6 levels total). The control is a liquid, ready-to-use product available for use on a variety of instrument platforms. Each level of control is individually packed which gives you the flexibility to choose your levels according to your drug screen panel cutoffs while keeping the number of control vials to a minimum.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
DOAT-1	1	6 x 18 mL	24 month shelf life @ 2 to 8 °C 30 days open vial @ 2 to 8 °C	Human Urine
DOAT-2	2			
DOAT-3	3			
DOAT-4	4			
DOAT-5	5			
DOAT-6	6			
DOAT-MP	Multi Pack	1 bottle per level, 18 mL each		

Analytes

11-nor-9-COOH-D9-THC	Methaqualone
Benzoylcegonine	Morphine, free
Buprenorphine	Nitrazepam
Cotinine	Nortriptyline
d-Methamphetamine	Oxazepam
EDDP	Oxycodone
Ethanol	Phencyclidine
Ethyl Glucuronide	Propoxyphene
LSD	Secobarbital
Methadone	

MAS TOX Control

This multi-analyte control is developed for use with the Thermo Scientific MAS Toxicology immunoassays for the semi-quantitative measurement of barbiturates, benzodiazepine, and tricyclic antidepressants in either serum or plasma.

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
10011608	Multi-Pack 3 levels	6 x 5 mL	24 months shelf life @ 2 to 8 °C 20 days open vial @ 2 to 8 °C	Bovine Plasma

Analytes

Barbiturate (Secobarbital)
Benzodiazepine (Diazepam)
Tricyclic Antidepressants (Nortriptyline)
(for use with DRI Serum Tox Reagents)

Dropper Tips - Pkg 100 - MAS P/N 286-606

Quality Control Solutions for Vista

Designed for use with the Siemens Dimension Vista instrumentation

Thermo Scientific™ MAS™ quality control products are available in vials specifically designed for use with the Siemens Dimension Vista® instrumentation. Fully validated onboard QC stability claims provide assurance that long-term quality assurance is maintained when performing routine quality control on the Dimension Vista instrument.

Nine individual Thermo Scientific MAS quality control products are available in a Dimension Vista specific format covering the instrument assay portfolio. Six vials are provided in each kit for convenience.

MAS Alcohol/Ammonia

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
10014443	Bi-level, Multi-Pack	6 x 2 mL	24 month shelf life @ 2 to 8 °C 7 days onboard instrument	Human Serum

Analytes

Ammonia
Ethanol

MAS CardiImmune®•XL

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
10014179	L	6 x 2 mL	36 month shelf life @ -25 to -15 °C 7 days onboard instrument	Human Serum
10014180	1			
10014181	2			
10014182	3			

Analytes

C-Reactive Protein high sensitivity (hsCRP)
CK-MB
Digitoxin
Homocysteine
Myoglobin
NT-pro BNP
Troponin I



Thermo Scientific MAS

Quality Control Solutions for Vista



MAS chemTRAK®•H

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
10014150	1	6 x 2 mL Assayed	30 month shelf life @ -25 to -15 °C 7 days onboard instrument	Human Serum
10014151	2			
10014152	3			

Analytes

Acetaminophen	Ferritin*	Potassium
Alanine Aminotransferase (ALT)	Gamma-Glutamyl Transferase (GGT)	Prealbumin
Albumin	Gentamicin	Procainamide
Alkaline Phosphatase	Glucose	Pseudocholinesterase
Amylase	Haptoglobin	Salicylate
Apolipoprotein A	HDL Cholesterol	Sodium
Apolipoprotein B	Immunoglobulin A (IgA)*	Theophylline
Aspartate Aminotransferase (AST)	Immunoglobulin G (IgG)*	Thyroid Stimulating Hormone (TSH)
Bilirubin Direct (DBIL)	Immunoglobulin M (IgM)*	Thyroid Uptake (T-Uptake)
Bilirubin Total (TBIL)	Iron	Thyroxine, Free (FT4)*
Blood Urea Nitrogen (BUN)	Iron Binding Capacity, Total (TIBC)	Thyroxine, Total (TT4)
C3 Complement*	Lactate Dehydrogenase (LDH)	Tobramycin
C4 Complement*	Lactic Acid	Total Protein
Calcium	LDL Cholesterol	Transferrin*
Carbamazepine	Lidocaine	Tricyclic Antidepressants
Carbon Dioxide (CO2)	Lipase	Triglycerides
Chloride	Lithium	Triiodothyronine, Free (FT3)*
Cholesterol	Magnesium	Triiodothyronine, Total (TT3)*
Creatine Kinase (CK)	N-acetylprocainamide (NAPA)	Uric Acid
Creatinine	Phenobarbital	Valproic Acid
Digoxin	Phenytoin	Vancomycin
Ethanol	Phosphorus	

MAS CSF

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
10014444	Bi-level, Multi-Pack	6 x 2 mL	24 month shelf life @ 2 to 8 °C 7 days onboard instrument	Human Serum

Analytes

Albumin	Immunoglobulin A (IgA)*	Lactate Dehydrogenase (LDH)	Prealbumin
Chloride	Immunoglobulin G (IgG)*	Lactic Acid	Sodium
Glucose	Immunoglobulin M (IgM)*	Potassium	Total Protein

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

* These constituent levels have not been adjusted but are at levels found in the source material used in preparation of the controls. No claim is made for expected values of these constituents.

MAS Diabetes

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
DBCL-V	Bi-level Multi-Pack	6 x 2 mL	24 month shelf life @ -25 to -15 °C 7 days onboard instrument	Human Whole Blood

Analytes

Hemoglobin A1c (HbA1c)

MAS Immunology

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
IC-V1	1	6 x 2 mL	24 month shelf life @ 2 to 8 °C 7 days onboard instrument	Human Serum
IC-V2	2			
IC-V3	3			

Analytes

Albumin	Apolipoprotein B*	Ferritin*	Kappa Light Chain
Alpha-1-Acid-Glycoprotein	Beta-2-Microglobulin	Haptoglobin	Lambda Light Chain
Alpha-1-Antitrypsin	C-Reactive Protein (CRP)	Immunoglobulin A (IgA)	Prealbumin
Alpha-2-Macroglobulin	C3 Complement	Immunoglobulin E (IgE)	Rheumatoid Factor (RF)
Antistreptolysin O (ASO)	C4 Complement	Immunoglobulin G (IgG)	Total Protein
Apolipoprotein A1*	Ceruloplasmin	Immunoglobulin M (IgM)	Transferrin

MAS Liquimmune®

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
10013876	1	6 x 2 mL	60 month shelf life @ -25 to -15 °C 7 days onboard instrument	Human Serum
10013877	2			
10013878	3			

Analytes

Acetaminophen	Gentamicin	Phenobarbital	Thyroxine, Free (FT4)
Alpha-Fetoprotein (AFP)	Homocysteine	Phenytoin	Thyroxine, Total (TT4)
Carbamazepine	Human Chorionic Gonadotropin (beta-HCG)	Procainamide	Tobramycin
Carcinoembryonic Antigen (CEA)	Immunoglobulin A (IgA)	Prolactin	Tricyclic Antidepressants
CK-MB (activity)	Immunoglobulin E (IgE)	Prostate Specific Antigen (PSA)	Triiodothyronine, Free (FT3)
CK-MB (mass)	Immunoglobulin G (IgG)	Prostate Specific Antigen Free (FPSA)	Triiodothyronine, Total (TT3)
Digoxin	Immunoglobulin M (IgM)	Salicylate	Valproic Acid
Estradiol	Lidocaine	Testosterone	Vancomycin
Ferritin	Lithium	Theophylline	Vitamin B12
Folate	Lutenizing Hormone (LH)	Thyroid Stimulating Hormone (TSH)	
Folate Stimulating Hormone (FSH)	N-acetylprocainamide (NAPA)	Thyroid Uptake (T-Uptake)	

MAS UrichemTRAK®

Part Number	Level	Bottles & Size	Storage & Stability	Matrix
10014127	Bi-level, Multi-Pack	6 x 2 mL	24 month shelf life @ 2 to 8 °C 7 days onboard instrument	Human Urine

Analytes

Amylase	Creatinine	Phosphorus	Total Protein
Calcium	Glucose	Potassium	Urea Nitrogen
Chloride	Magnesium	Sodium	Uric Acid
Cortisol	Microalbumin		

Refer to package insert for specific analyte and stability claims. Shelf life starts from the date of manufacture.

* These constituent levels have not been adjusted but are at levels found in the source material used in preparation of the controls. No claim is made for expected values of these constituents.

Thermo Scientific LabLink xL

Quality Assurance Software



About LabLink xL

Monitor your internal quality control while comparing results with other labs around the globe in real-time with Thermo Scientific™ LabLink xL™ cloud-based quality assurance software.



Truly Real-Time Peer Comparison Software

Peer data is updated instantly



Daily QC Integration for MAS and Other QC Products

All your QC products are in one place



Simple and Intuitive Interface

Interactive Levey-Jennings charts, Westgard rules, and audit-friendly reports



Automated QC Data Transfer

With select systems



Cloud-Based

SSL encrypted. Automatically receive future updates



No Submission Cutoff Dates

Review data whenever you want



Sigma Score and Other Performance Metrics

%Bias, SDI, CVI, Z score, and more



Multiple Lab Management

Scalable software grows with your organization



Validated Software

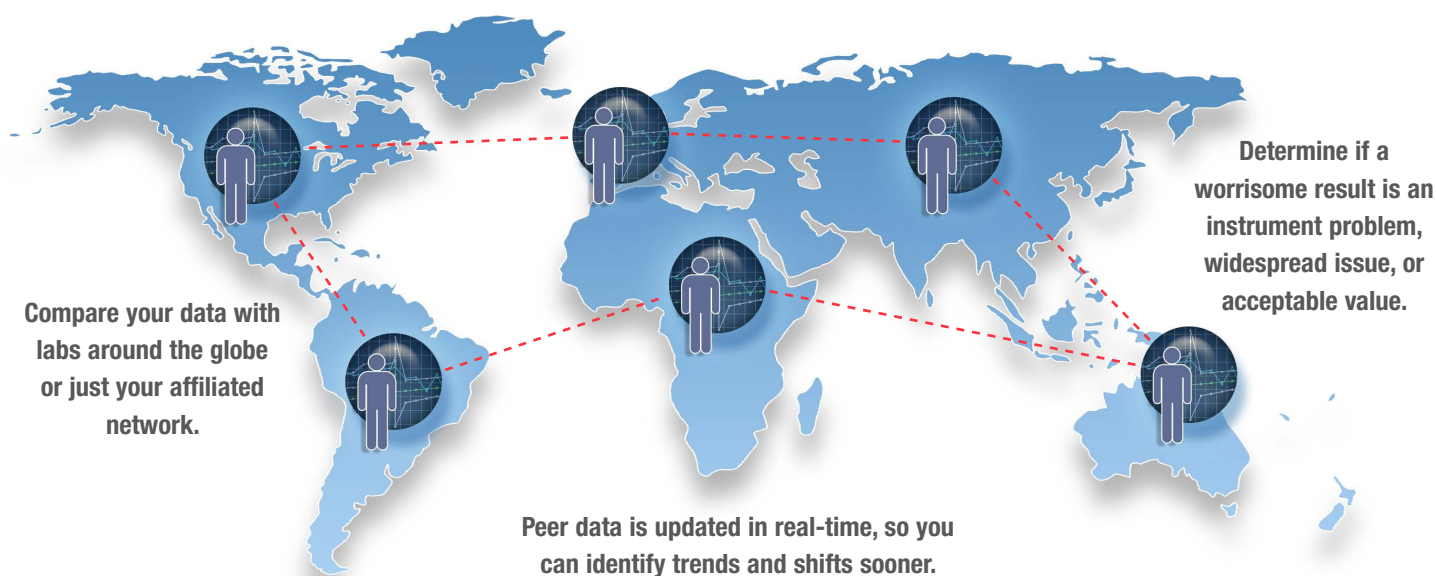
FDA and GAMP 5 compliance



Multilingual Capabilities

Available in 15+ languages

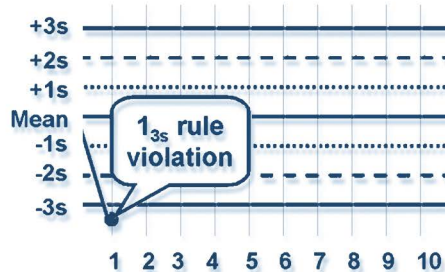
Troubleshoot faster with real-time peer comparison



Day-to-day QC all in one place



Levey-Jennings Charts



Westgard Sigma Rules

- Perform all your daily QC activities inside LabLink xL with interactive charts and graphs.
- Compare Levey-Jennings charts for multiple instruments.
- Select Westgard and RiliBÄK violation rules.
- Flag and comment on individual data points.

Use with MAS products or any other QC manufacturer*



* Non-MAS products are supported by our autoconnectivity and Daily QC features such as report generation, Levey-Jennings charts, Westgard rules, multiple lab management, and affiliated lab comparison. Peer Data for non-MAS Products is not available at this time.

Thermo Scientific LabLink xL

Quality Assurance Software



Audit-friendly reports

Visualize data the way you want

- Easy-to-read reports help you monitor individual lab performance by shift, day and month
- View peer data alongside your laboratory data

Internal Performance

Comparison ☒

Levey-Jennings ☒

QC Summary ☒

Errors and Exceptions

Affiliated Exception Notes

Exception Notes

Peer Data Comparison

Affiliated Lab ☒

Condensed Interlab

Drugs of Abuse ☒

Individual Lab

Instrument Interlab

Method Performance ☒

Monthly Summary

Statistical Summary ☒

Summary Urinalysis

Youden ☒

Audit History

Audit ☒

Point Data Submission ☒

Summary Data ☒

Submission

Region Specific

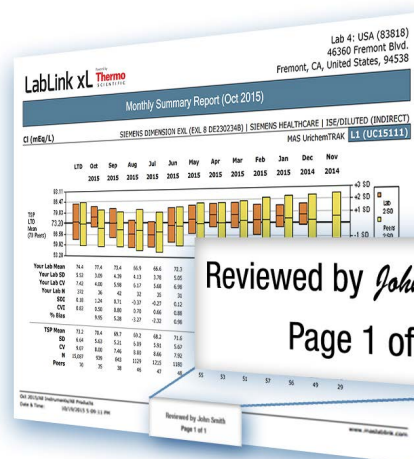
Rilibak Data Summary ☒

Rilibak ☒

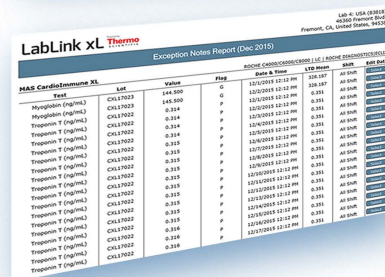
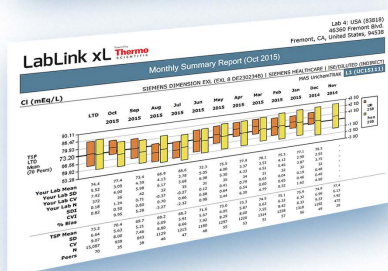
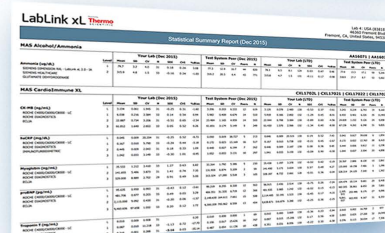
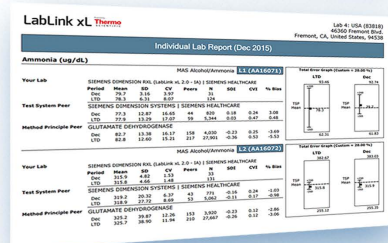
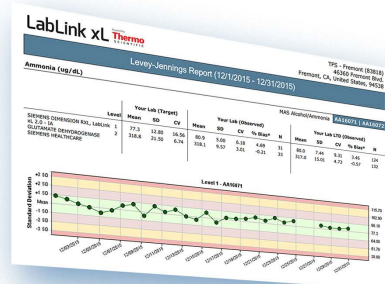
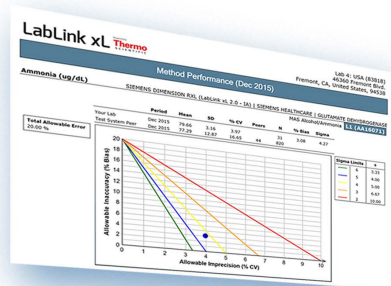
☒ NEW IN LABLINK XL 2.0

Signature Verification and Email Delivery

- Review and digitally sign reports (authorized users only)
- Schedule reports to be automatically delivered to your inbox every month



Popular reports



Method Performance and Sigma Score

- See which instruments are performing the best for a particular method and test.
- Choose between CLIA quality goals or custom goals for total allowable error.

Individual Lab Report

- Test-by-test listing of your lab's statistics and your peer group's statistics for a given month.
- Total Error Graph compares your lab's method to your peer group's mean and your chosen total allowable error limits.

Monthly Summary Report

- Shows a histogram of your lab's data alongside your peer group's data.
- Quickly identify shifts and trends with a month-by-month snapshot of your lab's performance.

Levey-Jennings Report

- Displays individual daily QC results or the daily mean for a selected date range on a Levey-Jennings chart.
- View Levey-Jennings charts for a single level or multiple levels at the same time for quick comparison.

Statistical Summary Report

- Displays a statistical analysis for each of your lab's tests alongside your peer group's results for a given month.
- View performance metrics such as Mean, SD, CV, SDI, CVI and % Bias all on one screen.

Exception Notes Report

- Summarizes which QC results and corresponding analytical methods fell outside the performance criteria in a given month.
- Designated values are flagged as outliers with respect to the lab's mean, peer group mean, total allowable error, or other limits for each test.

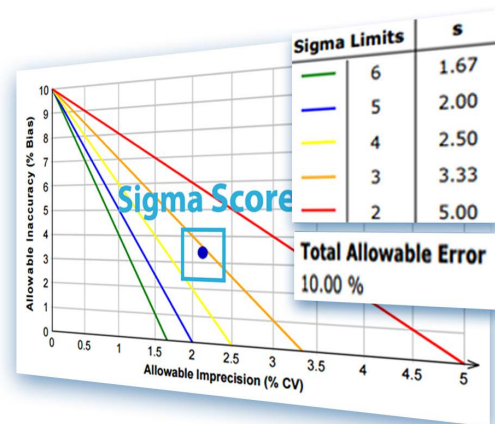
Thermo Scientific LabLink xL

Quality Assurance Software

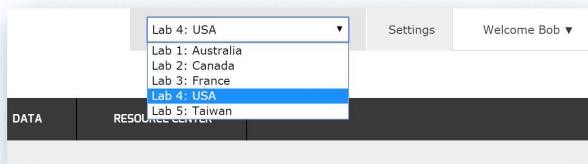


Performance metrics including Sigma Score

- **%Bias** – Percent difference between your observed test results and your lab's target mean.
- **Coefficient of Variation (CVI)** – Compares your lab's CV to your target CV to evaluate precision with respect to your chosen target.
- **Standard Deviation Index (SDI)** – Compares your lab's mean to your target mean to evaluate accuracy with respect to your chosen target.
- **Sigma** – Indicates how much your data varies from the total allowable error limit by calculating the number of standard deviations in a given test system that fit within your chosen quality goals.
- **Z Score** – Measures how many standard deviations away an individual QC result is from the target mean.



Multiple lab management scalable software grows with your organization



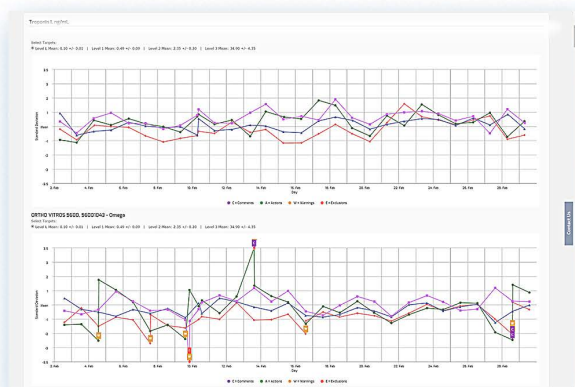
View data from a specific lab, or all your labs combined.

Compare results within your affiliated network.

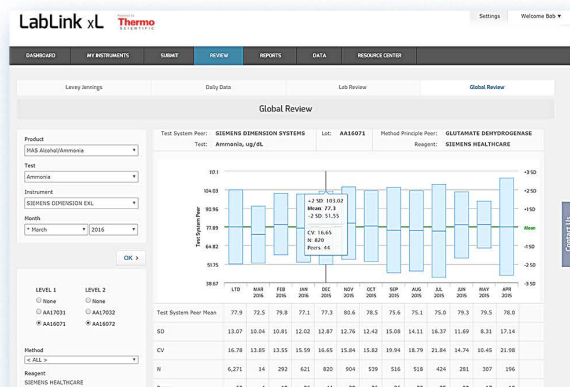
- **Permissions hierarchy with multiple levels of user access**

- Elite User: For administrators who need full access to data across all labs.
- Intermediate User: For Lab managers who need to review data and sign reports.
- Basic User: For technologists who need to submit data.

Visualize your results in real time



Levey-Jennings Instrument Comparison



Global Peer Review

Thermo Scientific LabLink xL

Quality Assurance Software

Stay up-to-date with Resource Center



- View the latest package inserts, supplements, MSDS, and Certificates of Analysis for MAS products
- Receive product updates and important notifications via email
- Download additional documents such as User Guide and QC handling guidelines

Frequently Asked Questions

Q: Is LabLink xL secure?

A: Absolutely. LabLink xL uses SSL encryption to ensure your data is protected.

Q: Can I create unique login credentials for each user?

A: Yes. Each user can have a unique login ID and password, and the lab administrator can set different levels of permission for each user. For example, an administrative user can sign reports while a lab technician can only view and enter data.

Q: I have non-MAS products. Do I need to use other software?

A: Non-MAS products are supported by auto-connectivity and Daily QC features such as report generation, Levey-Jennings charts, Westgard rules, multiple lab management, and affiliated lab review. Peer data for non-MAS products is not available at this time.

Q: Does LabLink xL offer both manual and automated data entry options?

A: Yes. LabLink xL offers options for automated data entry as well as manual data entry (individual points or summary data).

Q: Does LabLink xL have access to my patient data?

A: No. Even with our automated connectivity options, patient data never leaves your lab, and is never seen by LabLink xL.



Interested in learning more?

Our specialists can provide a software demonstration, go over auto-connectivity options, and more.

Visit maslablink.com or email us at lablink.qap@thermofisher.com

Thermo Scientific MAS

QC Value Assignment Program



Value assignment is an important requirement when rolling over to a new lot of QC material. The ability to provide full coverage of instrument target values involves the partnership of Thermo Fisher Scientific with laboratories performing the required testing. Without involvement of these external laboratories, the ability to provide value assignment coverage is significantly reduced.

Thermo Fisher Scientific is actively looking for new laboratories that are willing to assist with MAS™ QC Value Assignment in return for monetary compensation or free QC products. The results received from the participating laboratories are used to establish QC ranges in the lot specific package inserts for the MAS Quality Controls.

Testing Guidelines

- Each new lot of QC will utilize a different group of value assignment partner laboratories as participants are not required to test every QC lot.
- Advance notification of when to expect samples will be sent out prior to testing.
- Instructions for testing and data entry forms are sent with all value assignment samples.
- Most tests are run in duplicate over three separate days.
- All testing must be completed within 4-6 weeks of receiving the samples.

Compensation Options

- Monetary: This is typically based upon a flat fee per data point plus reagent costs. As this varies between test systems and methods, there is no standard amount. The different reimbursement options will be discussed prior to product shipment.
- Free of charge MAS QC product: This is based upon the number of tests and MAS products being value assigned. Free QC product is given at the discretion of your sales representative. Further details will be provided by a member of the value assignment team.

Participation Requirements

- CLIA certification or equivalent local accreditation.
- A completed W-9 form (US only).
- A completed survey noting instruments and testing capabilities.

Steps to follow if you are interested in participating in the MAS Value Assignment Program

- Step 1:** Complete the form below.
- Step 2:** Fax this page to +1 510-771-1539 or e-mail to MGC-VA@thermofisher.com.
- Step 3:** A value assignment introduction pack will be sent via mail or e-mail. Please complete the forms and return to us.
- Step 4:** Once the introduction pack is received, a member of the value assignment team will notify you to discuss acceptance into the program and the different methods of compensation.

Lab Name: _____

Lab Address: _____

Contact Name: _____ Alternate Contact: _____

Phone Number: _____ Fax Number: _____

E-mail: _____ Accreditation #: _____

Fax to: **+1 510-771-1539**

E-mail to: **MGC-VA@thermofisher.com**

Reference and Ordering

Analytes

Instruments

Order Placement

Technical Service & Support



References

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Analyte	Alcohol/Ammonia	Bilirubin	CardioImmune•XL	chemTRAK•H	CSF	Diabetes	DOA TOTAL	Immunology	Liquimmune	Omni•CARDIO	Omni•CORE	Omni•Immune	Omni•Immune PRO	PAR TDM	PTH Control	Sentry Urine Dipstick Control	TOX Control	T-Marker	UA Control	UA Dip Tube	Urinalysis	UrichemTRAK	Vista Alcohol/Ammonia	Vista CardioImmune•XL	Vista chemTRAK•H	Vista CSF	Vista Diabetes	Vista Immunology	Vista Liquimmune	Vista UrichemTRAK
17-OH-Progesterone									☐			☐	☐																	
25-OH-Vitamin D												☐	☐																	
Acetaminophen				☐					☐		☐	☐	☐												☐					☐
Acid Phosphatase				☐																										
Adrenocorticotrophic Hormone												☐	☐					☐												
Albumin (BCG)				☐	☐			☐			☐														☐	☐		☐		
Albumin (BCP)				☐				☐			☐														☐					
Aldosterone									☐			☐	☐																	
Alkaline Phosphatase (ALP)				☐							☐														☐					
alpha-1 - Acid Glycoprotein								☐			☐																	☐		
alpha-1-Antitrypsin								☐			☐																	☐		
alpha-2-Macroglobulin								☐			☐																	☐		
alpha-Fetoprotein (AFP)									☐				☐	☐				☐												☐
Aldosterone												☐	☐																	
Alanine Aminotransferase (ALT)				☐							☐														☐					
Amikacin				☐					☐		☐	☐	☐	☐	☐															
Amitriptyline				☐											☐															
Ammonia	☐																						☐							
Amphetamines							☐																							
Amylase				☐							☐											☐			☐					☐
Amylase (Pancreatic)				☐							☐																			
Antistreptolysin O (ASO)								☐			☐																	☐		
Anti-Thyroglobulin (anti-Tg)														☐																
Anti-Thyroid Peroxidase (anti-TPO)													☐																	
Antithrombin III								☐																						
Apolipoprotein A1				☐				☐			☐														☐			☐		
Apolipoprotein B				☐				☐			☐														☐			☐		
Appearance																			☐	☐	☐									
Aspartate Amonitranseferase (AST)				☐							☐														☐					
Barbiturates							☐										☐													
Benzodiazepines							☐										☐													
beta-2-Microglobulin								☐			☐	☐	☐					☐										☐		
Human Chorionic Gonadotropin (beta-hCG)									☐	☐		☐	☐					☐												☐
Bile Acids											☐																			
Bilirubin, Conjugated		☐		☐							☐																			
Bilirubin, Direct		☐		☐							☐														☐					
Bilirubin, Neonatal		☐		☐							☐																			
Bilirubin, Total		☐		☐							☐														☐					
Bilirubin, Unconjugated		☐		☐							☐																			
Bilirubin, Urine																☐			☐	☐	☐									
BNP 32			☐							☐																				
Blood Urea Nitrogen (BUN)				☐							☐															☐				
Buprenorphine							☐																							
C-Peptide												☐	☐																	
C-Reactive Protein (CRP)								☐			☐																	☐		
C3 Complement				☐				☐			☐														☐			☐		
C4 Complement				☐				☐			☐														☐			☐		
CA 15-3												☐	☐					☐								☐				

☐ - Analyte present.

☐ - No claim is made for expected values or the stability of these constituents.

Page	9	9	14	8	15	14	16	15	12	5	6	7	7	13	13	11	16	13	10	10	10	11	17	17	18	18	19	19	19	19
Analyte	Alcohol/Ammonia	Bilirubin	CardioImmune•XL	chemTRAK•H	CSF	Diabetes	DOA TOTAL	Immunology	Liquimmune	Omni•CARDIO	Omni•CORE	Omni•Immune	Omni•Immune PRO	PAR TDM	PTH Control	Sentry Urine Dipstick Control	TOX Control	T-Marker	UA Control	UA Dip Tube	Urinalysis	UrichemTRAK	Vista Alcohol/Ammonia	Vista CardioImmune•XL	Vista chemTRAK•H	Vista CSF	Vista Diabetes	Vista Immunology	Vista Liquimmune	Vista UrichemTRAK
CA 19-9												☐	☐					☐												
CA 27-29																		☐												
CA 72-4																		☐												
CA 125												☐	☐					☐												
Caffeine				☐							☐			☐																
Calcitonin																		☐												
Calcium				☐							☐											☐			☐					☐
Cannabinoids (THC)							☐																							
Carbamazepine				☐					☐		☐	☐	☐	☐											☐				☐	
Carbamazepine (Free)									☐					☐															☐	
CEA (carcinoembryonic antigen)									☐			☐	☐					☐											☐	
Ceruloplasmin								☐			☐																	☐		
Chloramphenicol									☐																				☐	
Chloride				☐	☐						☐											☐			☐	☐				☐
Cholesterol				☐							☐														☐					
Creatine Kinase (CK)				☐						☐	☐														☐					
CK-MB			☐						☐	☐														☐					☐	
Carbon Dioxide (CO2)				☐							☐														☐					
Cocaine (Benzoyllecgonine)							☐																							
Color																			☐	☐	☐									
Cortisol									☐		☐	☐	☐					☐				☐								☐
Cotinine							☐																							
Copper											☐																			
Creatinine				☐							☐								☐	☐	☐	☐			☐					☐
Crystals																			☐	☐	☐									
CYFRA 21-1																		☐			☐									
d-Dimer										☐																				
d-Methamphetamine							☐																							
Diazepam																	☐													
DHEA-Sulfate									☐			☐	☐																	
Digitoxin			☐							☐														☐						
Digoxin				☐					☐		☐	☐	☐	☐											☐				☐	
Disopyramide				☐					☐		☐	☐	☐	☐																
EDDP (Methadone Metabolite)							☐																							
Estradiol									☐			☐	☐					☐											☐	
Estriol														☐																
Estriol (Free)												☐	☐																	

☐ - Analyte present.

☐ - No claim is made for expected values or the stability of these constituents.

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Analyte	Alcohol/Ammonia	Bilirubin	CardioImmune•XL	chemTRAK•H	CSF	Diabetes	DOA TOTAL	Immunology	Liquimmune	Omni•CARDIO	Omni•CORE	Omni•Immune	Omni•Immune PRO	PAR TDM	PTH Control	Sentry Urine Dipstick Control	TOX Control	T-Marker	UA Control	UA Dip Tube	Urinalysis	UrichemTRAK	Vista Alcohol/Ammonia	Vista CardioImmune•XL	Vista chemTRAK•H	Vista CSF	Vista Diabetes	Vista Immunology	Vista Liquimmune	Vista UrichemTRAK
Ethanol	☐			☐			☐				☐												☐		☐					
Ethanol Ethyl Glucuronide (EtG)							☐																							
Ferritin				☐				☐	☐		☐	☐	☐					☐							☐			☐	☐	
Folate (Vitamin B9)									☐			☐	☐																☐	☐
Fructosamine												☐	☐																	☐
FSH (folicle stimulating hormone)									☐			☐	☐																☐	
Gastrin												☐	☐					☐											☐	
Gentamicin				☐					☐		☐	☐	☐	☐											☐				☐	
Gamma-Glutamyl Transferase (GGT)				☐							☐														☐					
Globulins					☐																					☐				
Glucose				☐	☐						☐					☐			☐	☐	☐	☐			☐	☐				☐
Haptoglobin				☐				☐			☐									☐	☐	☐			☐			☐		
Human Chorionic Gonadotropin (hCG)									☐	☐		☐	☐			☐		☐	☐	☐	☐	☐								
HDL Cholesterol				☐							☐														☐					
Hemoglobin (Urine Test)															☐				☐	☐	☐									
Hemoglobin A1c (HbA1c)						☐																					☐			
Homocysteine			☐						☐			☐	☐											☐					☐	
hsC-Reactive Protein (hsCRP)			☐							☐														☐						
Human Growth Hormone									☐			☐	☐											☐						
Imipramine				☐							☐																			
Immunoglobulin A (IgA)				☐	☐			☐	☐		☐														☐	☐		☐	☐	
Immunoglobulin E (IgE)								☐	☐		☐	☐	☐												☐			☐	☐	
Immunoglobulin G (IgG)				☐	☐			☐	☐		☐														☐	☐		☐	☐	
Immunoglobulin M (IgM)				☐	☐			☐	☐		☐														☐	☐		☐	☐	
Inhibin A																														
Insulin									☐			☐	☐					☐												
IGF-1 (insulin-like growth factor 1)												☐	☐																	
Iron				☐							☐														☐					
Iron Binding Capacity (IBC)				☐							☐														☐					
Kappa Light Chain								☐																				☐		
Ketones																☐				☐	☐	☐								
Lactic Acid				☐	☐						☐														☐	☐				
Lambda Light Chain								☐																	☐			☐		
Lactate Dehydrogenase (LDH)				☐	☐						☐														☐	☐				
LDL Cholesterol				☐							☐														☐					
Leukocyte Esterase																☐			☐	☐	☐									
Lidocaine				☐					☐		☐	☐	☐	☐											☐				☐	
Lipase				☐							☐														☐					
Lipoprotein (a)				☐							☐																			
Lithium				☐					☐		☐	☐	☐	☐											☐				☐	
LSD							☐																☐							
Luteinizing Hormone (LH)									☐			☐	☐																☐	
Magnesium				☐							☐												☐		☐					☐
Methadone							☐																							
Methaqualone							☐																							
Methotrexate				☐							☐			☐																

☐ - Analyte present. ☐ - No claim is made for expected values or the stability of these constituents.

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Microalbumin																☐			☐	☐	☐	☐								☐
Morphine, Free							☐																							
Myoglobin			☐							☐														☐						
Myeloperoxidase (MPO)										☐																				
N-acetylprocainamide (NAPA)				☐					☐		☐	☐	☐	☐											☐				☐	
N-Terminal Brain Natriuretic Peptide (NT-proBNP)										☐																				
Nitrite																☐			☐	☐	☐									
Nordiazepam									☐			☐	☐																	
Nortriptyline				☐			☐				☐						☐													
NSE																		☐												
Oligoclonal Bands					☐																									
Opiates (Morphine, Free)							☐																							
Osmolality				☐							☐								☐	☐	☐	☐								
Oxazepam							☐													☐	☐	☐								
Oxycodone							☐																							
Prostatic Acid Phosphatase (PAP)												☐	☐					☐												
Parathyroid Hormone (PTH)												☐	☐		☐															
pH																☐			☐	☐	☐	☐								
Phencyclidine (PCP)							☐																							
Phenobarbital				☐					☐		☐	☐	☐	☐											☐				☐	
Phenytoin				☐					☐		☐	☐	☐	☐											☐				☐	
Phenytoin (Free)											☐	☐	☐												☐				☐	
Phosphorus				☐						☐												☐			☐					☐
Potassium				☐	☐					☐									☐	☐	☐	☐			☐	☐				☐
Prealbumin				☐	☐			☐		☐										☐	☐	☐			☐	☐		☐		
Pregnancy Associated Plasma Protein (PAPP-A)												☐	☐																	
Primidone				☐					☐		☐	☐	☐	☐																
NT-proBNP			☐																					☐						
Procalcitonin (PCT)										☐		☐	☐																	
Procainamide				☐					☐		☐	☐	☐	☐											☐				☐	
Progesterone									☐			☐	☐																	
Prolactin									☐			☐	☐					☐												
Properdin Factor B								☐																					☐	
Propoxyphene							☐																							
Protein Electrophoresis					☐																									
Prostate Specific Antigen, Total (TPSA)									☐			☐	☐					☐											☐	

☐ - Analyte present.

☐ - No claim is made for expected values or the stability of these constituents.

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Prostate Specific Antigen, Free (FPSA)									□			□	□					□											□	
Pseudocholinesterase (PCHE)				□							□														□					
Quinidine				□					□		□	□	□	□																
Red Cells (Urine Test)																			□	□	□									
Rheumatoid Factor (RF)								□			□																	□		
Salicylate				□					□		□	□	□	□											□				□	
Secobarbital							□										□													
Sex Hormone Binding Globulin (SHBG)													□																	
Sodium				□	□						□								□	□	□	□			□	□				□
Specific Gravity															□				□	□	□	□			□					
Testosterone									□			□	□																□	
Thyroid Uptake (T-Uptake)				□					□		□	□	□												□				□	
Triiodothyroxine, Total (TT3)				□					□			□	□												□				□	
Triiodothyroxine, Free (FT3)				□					□			□	□												□				□	
Thyroxine, Total (TT4)				□					□		□	□	□												□				□	
Thyroxine, Free (FT4)				□					□			□	□												□				□	
TBG (Thyroxine-Binding Globulin)												□	□																	
Theophylline				□					□		□	□	□	□											□				□	
Thyroglobulin									□			□	□					□												
Iron Binding Capacity, Total (TIBC)				□							□																			
Tobramycin				□					□		□	□	□	□											□				□	
Total Protein				□	□			□			□				□				□	□	□	□			□	□		□		□
Transferrin								□			□														□			□		
Tricyclic Antidepressants				□					□		□	□	□	□			□								□				□	
Triglycerides				□							□														□					
Troponin I			□							□														□						
Troponin T			□							□																				
Thyroid Stimulating Hormone (TSH)				□					□		□	□	□	□											□				□	
Iron Binding Capacity, Unsaturated (UIBC)				□							□																			
Urea Nitrogen				□							□											□			□					□
Uric Acid				□							□											□			□					□
Urobilinogen															□				□	□	□									
Valproic Acid				□					□		□	□	□	□											□				□	
Valproic Acid Free												□	□																	
Vancomycin				□					□		□	□	□	□											□				□	
Vitamin B12									□			□	□																□	
White Cells (Urine Test)																			□	□	□									
Zinc											□																			

□ - Analyte present.

□ - No claim is made for expected values or the stability of these constituents.

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Instrument		Alcohol/Ammonia	Bilirubin	CardioImmune•XL	chemTRAK•H	CSF	Diabetes	DOA TOTAL	Immunology	Liquimmune	Omni•CARDIO	Omni•CORE	Omni•Immune	Omni•Immune PRO	PAR TDM	PTH Control	Sentry Urine Dipstick Control	TOX Control	T-Marker	UA Control	UA Dip Tube	Urinalysis	UrichemTRAK	Vista Alcohol/Ammonia	Vista CardioImmune•XL	Vista chemTRAK•H	Vista CSF	Vista Diabetes	Vista Immunology	Vista Liquimmune	Vista UrichemTRAK
ABBOTT																															
Architect		☐	☐	☐	☐	☐	☐		☐	☐		☐	☐	☐	☐	☐		☐	☐				☐								
ACON INTERNATIONAL																															
ACON Mission (Visual)																				☐	☐	☐									
Mission U120																				☐	☐	☐									
Mission U500																				☐	☐	☐									
BECKMAN-COULTER																															
Access				☐					☐	☐			☐	☐	☐	☐			☐				☐								
AU Series		☐	☐	☐	☐	☐	☐		☐	☐		☐			☐	☐		☐					☐								
ICON																						☐	☐								
ICON/11/25/20																					☐	☐									
Image					☐				☐											☐	☐	☐									
Synchron CX/LX		☐	☐	☐	☐	☐	☐		☐	☐		☐			☐			☐					☐								
UniCel Dxl				☐						☐			☐	☐		☐			☐				☐								
UniCel DxS Synchron		☐	☐	☐	☐	☐	☐		☐	☐		☐			☐			☐					☐								
BIOLIS																															
24i Clinical Systems					☐																										
BIOMERIEUX																															
Vidas Systems					☐					☐	☐		☐	☐																	
BIOVATION																															
Biovation																				☐	☐	☐									
BIORAD																															
DiaSTAT							☐																								
D-10							☐																								
Variant/Variant II							☐																								
COLE TAYLOR MARKETING, INC. (VISUAL)																															
Cole Taylor (on CT-120)																				☐	☐										
Cole Taylor (on Clinitek)																						☐									
DFI DIAGNOSTICS																															
DFI ComboStik (Visual)																				☐	☐										
DFI ComboStik Series																				☐	☐										
DFI ComboStik CYBOW (Visual)																				☐	☐										
DFI ComboStik CYBOW Series																				☐	☐										
DFI 10 +/- DUS (Visual)																				☐	☐										
DFI DU Reader 300																				☐	☐										
DFI DUS R-300																				☐	☐										
ERBA DIAGNOSTICS																															
ERBA Urodip (Visual)																				☐	☐										
ERBA Urodipcheck 300																				☐	☐										

☐ - Analyte present.

☐ - No claim is made for expected values or the stability of these constituents.

References

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Instrument	Alcohol/Ammonia	Bilirubin	CardioImmune•XL	chemTRAK•H	CSF	Diabetes	DOA TOTAL	Immunology	LiquiImmune	Omni•CARDIO	Omni•CORE	Omni•Immune	Omni•Immune PRO	PAR TDM	PTH Control	Sentry Urine Dipstick Control	TOX Control	T-Marker	UA Control	UA Dip Tube	Urinalysis	UrichemTRAK	Vista Alcohol/Ammonia	Vista CardioImmune•XL	Vista chemTRAK•H	Vista CSF	Vista Diabetes	Vista Immunology	Vista LiquiImmune	Vista UrichemTRAK	
FISHERBRAND																															
Sure-Vue																			0	0	0	0									
UriSystem																			0	0	0										
Fisher Brand (Visual)																			0	0	0										
Fisher Brand (on Clinitek)																			0	0	0										
GENZYME CORPORATION																															
OSOM HcG Combo																			0	0	0	0									
Signify																			0	0	0	0									
CONTRAST II																			0	0		0									
HYPOGUARD																															
DiaScreen 10 (visual)																			0	0		0									
DiaScreen 50																			0	0		0									
IRIS DIAGNOSTICS																															
Aution MAX AX-4280																			0	0	0										
Aution MAX IQ200 Combo																			0	0	0										
Aution MAX AX-4280/JET																			0	0											
Aution Max AX-4030																			0	0	0										
Aution Eleven																			0	0											
iChem 100																			0	0	0	0									
iQ200																			0	0	0	0									
MACHEREY-NAGEL																															
URYXXON 300																			0	0											
URYXXON Relax																			0	0											
ORTHO CLINICAL DIAGNOSTICS																															
Vitros	0	0		0	0			0	0		0		0	0	0							0									
Vitros EC/3600			0						0			0	0	0	0			0				0									
Vitros 5,1 FS	0	0		0	0	0		0	0		0		0	0	0							0									
Vitros 4600/5600	0	0	0	0	0	0		0	0		0	0	0	0	0			0				0									
QUIDEL CORPORATION																															
QuickVue (visual)																			0	0	0										
UrinQuick																			0	0											
ROCHE																															
Cobas 6000	0	0	0	0	0	0		0	0		0	0	0	0	0			0				0									
Chemstrip 101																			0	0	0										
Cobas Integra	0	0	0	0	0	0		0	0		0			0								0									
Criterion 1/11																			0	0	0										
CUA/SUA																			0	0	0										
Elecsys			0						0			0	0	0	0			0													
Hitachi/Modular Analytics E170	0	0	0	0	0	0		0	0		0	0	0	0	0		0	0	0	0		0									
Micral																			0	0	0										
Mini UA																			0	0	0										
Reagent Strip (visual)																			0	0	0										
Urisys 1800/2400/1100																			0	0											

□ - Analyte present. □ - No claim is made for expected values or the stability of these constituents.

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SIEMENS HEALTHCARE																														
Acetest																														
Advia 1650/2400	☐	☐		☐	☐	☐		☐	☐		☐			☐	☐		☐				☐	☐	☐							
Advia Centaur			☐					☐	☐			☐	☐		☐							☐								
Altas																			☐	☐	☐									
BNA																					☐									
BN II/Prospec			☐	☐		☐		☐						☐							☐	☐								
Clinitek Series																			☐	☐	☐									
Clinitest																			☐	☐	☐									
DCA 2000/Vantage						☐																☐								
Dimension Series	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐			☐				☐	☐	☐	☐	☐								
Dimension VISTA	☐	☐	☐	☐	☐	☐		☐	☐		☐	☐	☐	☐							☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Ictotest																				☐	☐	☐								
Immulite/Immulite 2000			☐			☐		☐	☐			☐	☐	☐	☐			☐			☐									
Micro-Bumintest																			☐	☐	☐									
Reagent Strip (visual)																			☐	☐	☐									
Status																			☐	☐	☐									
Stratus CS			☐							☐																				
Viva Systems									☐					☐																
THERMO FISHER SCIENTIFIC																														
Konelab Systems			☐	☐	☐									☐																
B-R-A-H-M-S Kryptor										☐		☐	☐						☐											
MGC240																	☐													
TOSOH BIOSCIENCES																														
AIA Series			☐			☐			☐			☐	☐	☐	☐			☐												
A1c 2.2 Plus						☐																								
G7/G8						☐																								
YD DIAGNOSTICS																														
Uriscan (Visual)																			☐	☐	☐									
Uriscan Pro II																			☐	☐	☐									
Uriscan Optima II																			☐	☐	☐									
Uriscan Mini																					☐									
Uriscan Super																			☐	☐										

☐ - Analyte present.

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References

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OTHER																															
Arteray Monarini						☐																									
Bilirubinometer		☐		☐																											
Coverslip																			☐	☐	☐										
Diastix (Bayer)																			☐	☐	☐										
Emit				☐					☐						☐																
Flame Photometer				☐	☐				☐						☐				☐	☐		☐									
A1CNow						☐																									
Osmometer				☐							☐											☐									
pH Meter																			☐	☐											
Refractometer																			☐	☐	☐										
Thermo Electron Pocketchem																			☐	☐	☐										

☐ - Analyte present. ☐ - No claim is made for expected values or the stability of these constituents.

Architect™, Abbott Laboratories, Abbott Park, IL

Access®, AU® Series, Image®, CX/LX®, ICON®, ICON 11/25/20®, SYNCHRON® UniCel DxI® and UniCel DxC®: Beckman Coulter Inc., Brea, CA

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