

Vitros[®] QC Solutions

Optimize your lab operations without sacrificing quality



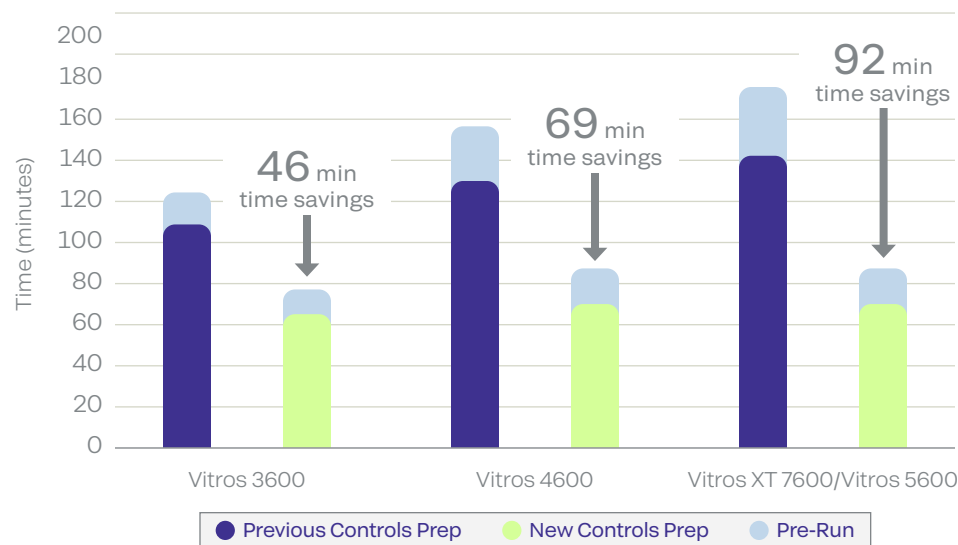
Optimize your lab operations without sacrificing quality

We're always looking for new ways to help make your lab more efficient and your results more reliable. That's why we've partnered with Thermo Fisher Scientific to offer you an improved quality control solution.

With Vitros QC solutions, in conjunction with MAS controls, you can take advantage of:

- Consolidated, liquid, ready-to-use and human matrix-derived controls
- GEN-specific value assignment of analytes
- Access to GEN-specific peer group data via LabLink xL Quality Assurance Software through E-Connectivity™ Technology
- A shelf life of 2 to 4 years and storage temperatures ranging from 2 to 8°C and -25 to -15°C.

Save time and improve efficiency in your lab



Time savings potential when switching from previous Vitros controls to new Vitros QC solutions with Thermo Scientific™ MAS™ Quality Controls. Data independently generated by QuidelOrtho.

The ability to enhance your QC workflow has arrived.

- Use one solution for daily QC, calibration verification and troubleshooting
- Reduce setup time and eliminate waste
- Improve cost and labor savings



Thermo Scientific™ MAS™ Quality Controls

Omni consolidated controls



MAS Omni-CORE

Thermo Scientific™ MAS™ Omni-CORE™ Controls consolidate general chemistry and serum protein QC processing into a single product, offering three distinct levels.

Part number	Level	Bottles and size	Storage and stability	Matrix
OCR-101	1	6 x 5 mL assayed	36-month shelf life @ -25 to -15°C from date of manufacture 30 days open vial @ 2 to 8°C	Human serum
OCR-202	2			
OCR-303	3			

Analytes

General chemistry

Albumin
Alkaline phosphatase
Alanine aminotransferase (ALT)
Amylase
Aspartate aminotransferase (AST/GOT)
Blood urea nitrogen (BUN)
Calcium
Carbon dioxide (CO₂)
Chloride
Cholesterol
Cholesterol, HDL
Cholesterol, LDL
Creatine kinase (CK)
Creatinine
Gamma-glutamyl transferase (GGT)
Glucose
Lactate dehydrogenase (LDHI)
Lactic acid
Lipase
Magnesium
Phosphorus
Potassium
Pseudocholesterase (CHE)
Sodium
Total protein
Triglycerides
Uric acid

Anemia/iron deficiency tests

Iron
Iron binding capacity, total (TIBC)
Transferrin*

TDM/toxicology tests

Acetaminophen
Caffeine
Carbamazepine
Digoxin
Ethanol
Gentamicin
Lithium
Phenobarbital
Phenytoin
Salicylate
Theophylline
Tobramycin
Valproic Acid
Vancomycin

Serum proteins/serology tests

Alpha-1-antitrypsin (AAT)*
Antistreptolysin O (ASO)
Apolipoprotein A1 (APO A)*
Apolipoprotein B (APO B)*
C3 complement*
C4 complement*
C-reactive protein (CRP)
C-reactive protein, Wide-range Standard (sCRP)
Haptoglobin*
Immunoglobulin A (IgA)*
Immunoglobulin G (IgG)*,†
Immunoglobulin M (IgM)
Prealbumin
Rheumatoid factor (RF)†

*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.

† Coming soon in future lot.

Refer to package insert for specific analyte, stability claims and limitations of procedures. Shelf life starts from the date of manufacture. Availability of products in each country depends on local regulatory marketing authorization status.

Thermo Scientific™ MAS™ Quality Controls

Omni consolidated controls



MAS Omni-IMMUNE

Thermo Scientific™ MAS™ Omni-IMMUNE™ Controls provide consolidation for routine immunoassay, tumor marker and specialty immunoassay QC processing into a single product, offering three distinct levels.

Part number	Level	Bottles and size	Storage and stability	Matrix
OIM-101	1	6 x 5 mL assayed	48-month shelf life @ -25 to -15°C from date of manufacture* 30 days open vial @ 2 to 8°C	Human serum
OIM-202	2			
OIM-303	3			

* Product with 4-year shelf life not available in all countries due to product registration.

Analytes

New specialty tests

Intact parathyroid hormone (iPTH)[†]
Procalcitonin (PCT)

Thyroid Function Tests

Triiodothyronine, free (FT3)
Triiodothyronine, total (TT3)
Triiodothyronine, total II (TT3II)
Thyroxine, free (FT4)
Thyroxine, total (TT4)
Thyroid-stimulating hormone (TSH)
T3/T-uptake % (T3U)
T3/T-uptake % II (T3U II)

Tumor Marker Tests

CA125 / CA125a
CA 15-3
CA 19-9
Carcinoembryonic antigen (CEA)
Carcinoembryonic antigen 2 (CEA2)
Prostate specific antigen, total (TPSA)

Reproductive/Fertility Tests

Alpha-fetoprotein
Estradiol
Follicle stimulating hormone (FSH)
Beta Human chorionic gonadotropin (β-hCG)
Luteinizing hormone (LH)
Progesterone
Prolactin
Prolactin 2
Testosterone

Endocrine/Hormone Tests

Cortisol
Insulin*

Anemia/Iron Deficiency Tests

Ferritin
Folate
Vitamin B12

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

*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.

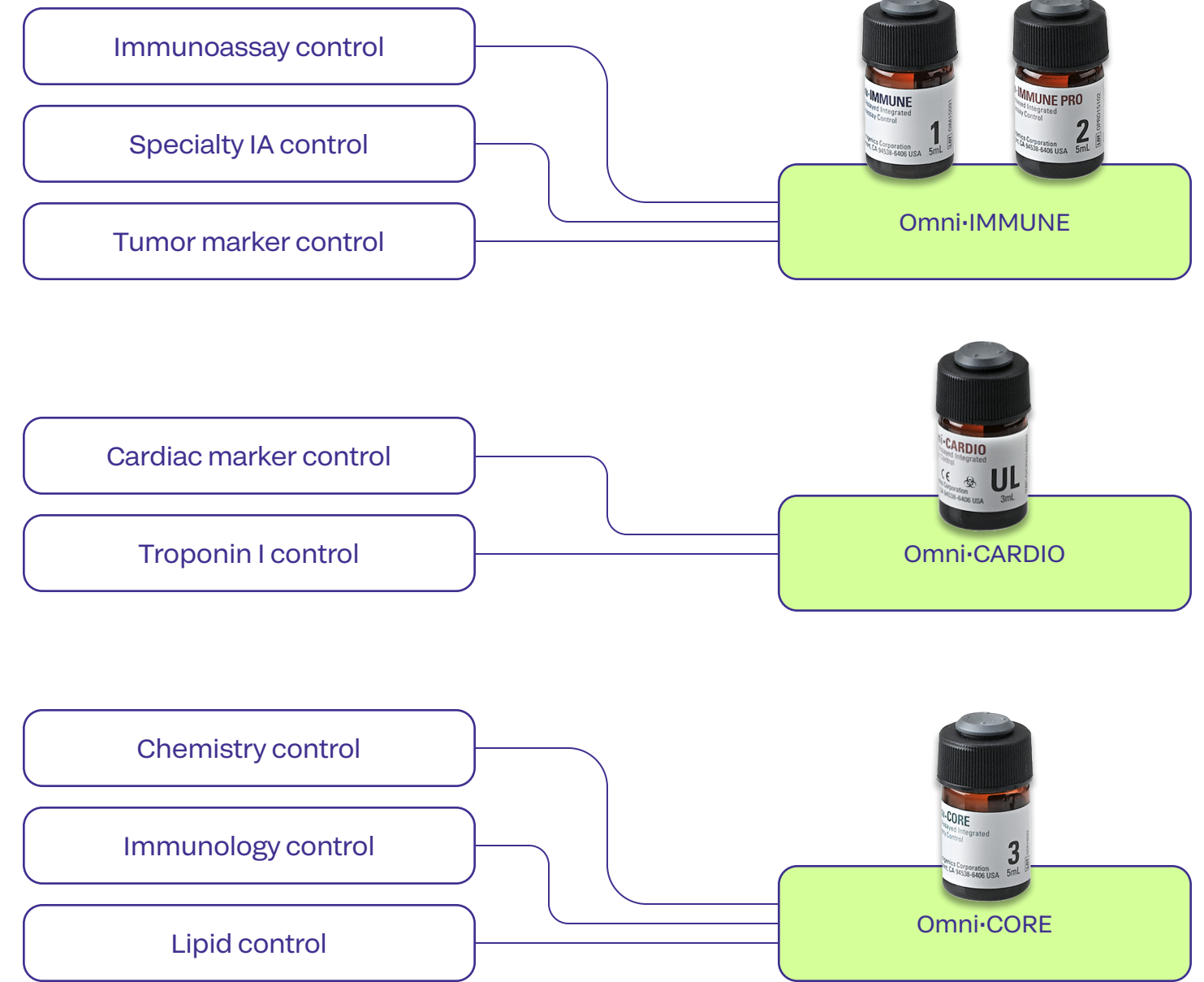
[†] Coming soon in future lot.

Refer to package insert for specific analyte, stability claims and limitations of procedures. Shelf life starts from the date of manufacture. Availability of products in each country depends on local regulatory marketing authorization status.

Streamline your workflow

Consolidate multiple QC products

Eight competitor controls to three Omni Controls



Thermo Scientific™ MAS™ Quality Controls

Serum chemistry controls



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. Normal ammonia values in Level 1.

Part number	Level	Bottles and size	Storage and stability	Matrix
AAC-MP	Bi-level, Multipack	6 x 3.5 mL	24-month shelf life @ 2 to 8°C from date of manufacture 30 days open vial @ 2 to 8°C	Human serum

Analytes

Ammonia

MAS Bilirubin

This assayed, tri-level control has been designed to monitor the performance of total, conjugated and unconjugated. There are no additional preparation steps required for this liquid, ready-to-use product.

Part number	Level	Bottles and size	Storage and stability	Matrix
BC101	1	6 x 5 mL	24-month shelf life @ 2 to 8°C from date of manufacture 14 days open vial @ 2 to 8°C when stored in the dark	Bovine serum
BC102	2			
BC103	3			

Analytes

Bilirubin, conjugated
Bilirubin, total (TBIL)
Bilirubin, unconjugated

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

Refer to package insert for specific analyte, stability claims and limitations of procedures. Shelf life starts from the date of manufacture. Availability of products in each country depends on local regulatory marketing authorization status.

Thermo Scientific™ MAS™ Quality Controls

Urine controls



MAS UrichemTRAK

Thermo Scientific™ MAS™ UrichemTRAK Controls are designed to quantitatively monitor the most commonly tested urine chemistry analytes. This liquid, assayed control is ready-to-use, requires no additional preparation.

Part number	Level	Bottles and size	Storage and stability	Matrix
UR11001	6 x 15 mL	6 x 15 mL	24-month shelf life @ 2 to 8°C from date of manufacture	Human urine
UR22002	4 x 60 mL			

Analytes

Amylase
Calcium
Chloride
Creatinine
Glucose
Magnesium
Microalbumin

Phosphorus
Potassium
Sodium
Total protein
Urea nitrogen
Uric acid

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

Refer to package insert for specific analyte, stability claims and limitations of procedures. Shelf life starts from the date of manufacture. Availability of products in each country depends on local regulatory marketing authorization status.

Thermo Scientific™ MAS™ Quality Controls

Cardiac controls



MAS CardiImmune-XL

The Thermo Scientific™ MAS™ CardiImmune™•XL 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 and size	Storage and stability	Matrix
CAI-XLL	L	6 x 3 mL	36-month shelf life @ -25 to -15 °C from date of manufacture 30 days open vial @ 2 to 8 °C (troponin I) 15 days open vial @ 2 to 8 °C, myoglobin (when a dropper tip is used), NT-proBNP, CK-MB	Human serum
CAI-XL1	1			
CAI-XL2	2			
CAI-XL3	3			
CAI-XL4	Tri-level, multipack			

Analytes

CK-MB
CKMB / CKMB2
HCY2
uCRP for C-reactive protein, wide-range ultrasensitive

Myoglobin
NT-pro BNP
NT-pro BNP II
Troponin I

Thermo Scientific™ MAS™ Quality Controls

Diabetes controls



MAS Diabetes

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

Part number	Level	Bottles and size	Storage and stability	Matrix
DBCL-MP	Bi-level, multipack	6 x 1 mL	24-month shelf life @ -25 to -15°C from date of manufacture 60 days unopened @ 2 to 8°C 30 days open vial @ 2 to 8°C	Human whole blood

Analytes

Hemoglobin A1c (HbA1c)

Thermo Scientific MAS™

Immunology and protein controls

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. These products are liquid, ready-to-use and require no additional preparation.

Part number	Level	Bottles and size	Storage and stability	Matrix
CSF-MP	Bi-level, multipack	6 x 3.5 mL	24-month shelf life @ 2 to 8°C from date of manufacture 30 days open vial @ 2 to 8°C	Human serum

Analytes

Glucose
Total protein

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

QuidelOrtho

Vitros® infectious disease solutions

Our high-throughput infectious disease solutions give your lab the power to help stop the spread of preventable diseases through screening and early detection.

Control	Cat code	Levels	Bottles and size	Storage and stability (unopened)	Storage and stability (opened)	Matrix
Anti-HBs	680 0389	1 & 2 & 3	3 x 2mL (recon)	104-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
	680 2093	1 & 2 & 3	3 x 2mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
Anti-HCV	680 0731	1 & 2	3 x 1mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
	680 1421	1 & 2	3 x 1mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
Anti-HIV 1+2	680 0586	1 & 2 & 3	3 x 1mL (recon)	104-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
	680 1863	1 & 2 & 3	3 x 1mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
Anti-SARS-CoV-2 IgG	619 9921	1 & 2	3 x 2mL	26-week shelf life @ -20°C from date of manufacture	7 days @ 2-8°C	Human plasma
Anti-SARS-CoV-2 IgG quantitative	619 9966	1 & 2 & 3	3 x 2mL	26-week shelf life @ -20°C from date of manufacture	7 days @ 2-8°C	Human plasma
Anti-SARS-CoV-2 total	619 9924	1 & 2	3 x 2mL	26-week shelf life @ -20°C from date of manufacture	7 days @ 2-8°C	Human plasma
Anti-SARS-CoV-2 total N antibody						Human plasma
Anti-HBc	680 0836	1 & 2	3 x 1mL	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
	680 1430	1 & 2	3 x 1mL	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
Anti-HBc IgM	680 0834	1 & 2	3 x 0.5mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human serum
	680 1427	1 & 2	3 x 0.5mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human serum
Anti-HAV IgM	680 0835	1 & 2	3 x 1mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
Anti-HAV total	680 1463	1 & 2	3 x 1mL (recon)	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
HIV Combo (Neg, Anti-HIV1, Anti-HIV2)	691 2255	1 & 2 & 3	3 x 4mL	52-week shelf life @ 2-8°C from date of manufacture	13 weeks @ 2-8°C / 13 weeks @ -20°C	Human plasma
	691 2261	1 & 2 & 3	3 x 4mL	52-week shelf life @ 2-8°C from date of manufacture	13 weeks @ 2-8°C / 13 weeks @ -20°C	Human plasma

QuidelOrtho

Vitros® infectious disease solutions

Control	Cat code	Levels	Bottles and size	Storage and stability (unopened)	Storage and stability (opened)	Matrix
HIV combo (Anti-HIV1, group O)	691 2259	4	3 x 4mL	52-week shelf life @ 2-8°C from date of manufacture	13 weeks @ 2-8°C / 13 weeks @ -20°C	Human plasma
	691 2265	4	3 x 4mL	52-week shelf life @ 2-8°C from date of manufacture	13 weeks @ 2-8°C / 13 weeks @ -20°C	Human plasma
HIV Combo (HIV p24 antigen)	691 2257	5	9 x 1.2mL	52-week shelf life @ 2-8°C from date of manufacture	13 weeks @ 2-8°C / 13 weeks @ -20°C	Human plasma
	691 2263	5	9 x 1.2mL	52-week shelf life @ 2-8°C from date of manufacture	13 weeks @ 2-8°C / 13 weeks @ -20°C	Human plasma
SARS-CoV-2-antigen	619 9943	1 & 2	3 x 3mL	16-week shelf life @ -20°C from date of manufacture	5 days @ 2-8°C	Buffer based
HBe/HBeAg	680 0837	1 & 2 & 3	4 x 1mL (recon) level 1 2 x 1mL (recon) level 2 & 3	52-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
HBsAg	680 0598	1 & 2	3 x 1.6mL (recon)	104-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma
	680 1390	1 & 2	3 x 1.6mL (recon)	104-week shelf life @ 2-8°C from date of manufacture	5 days @ 2-8°C / 4 weeks @ -20°C	Human plasma

For a complete list of QuidelOrtho's QC offerings, visit quidelortho.com or contact your local QuidelOrtho representative.



New QuidelOrtho branding may not be available in all markets, subject to country- specific regulatory approval. Please confirm with your local commercial team.



At QuidelOrtho, we are driven to transform diagnostic data into answers, understanding and action for more people in more places every day. For over 80 years, we've relentlessly pursued the unknown with a passion and purpose to improve health. And we'll continue to transform the power of diagnostics into a healthier future for all.

Contact your sales associate to learn more about these additions to our portfolio.

Vitros is a trademark of Ortho Clinical Diagnostics. Ortho Clinical Diagnostics is a subsidiary of QuidelOrtho Corporation.

LabLink xL, MAS Quality Controls, MAS Omni-CORE Controls, MAS Omni-CARDIO Controls, MAS Omni-IMMUNE Controls, MAS Omni-IMMUNE PRO Controls, MAS UrichemTRAK Controls and MAS Cardiolmmune XL Multi-Analyte Controls are all trademarks of Thermo Fisher Scientific. The trademarks "Thermo Scientific" and "MAS" are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.

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