

**InteliQ** Smarter, Simpler QC



**Quality Controls for Workflow Solutions**

**BIO-RAD**

# InteliQ

Smarter, Simpler QC

**Simplify your QC workflow with load-and-go efficiency and robust data management**



#### **Optimize Workflow**

Increase productivity and improve turnaround time by eliminating manual steps.



#### **Increase Efficiency**

Unique sample tracking and easy XML data upload of lot-specific QC values.



#### **Improve Performance**

Access the Unity data management program and large peer groups.



#### **Achieve Quality Goals**

Use advanced Unity software tools to support your lab's risk management program and simplify compliance reporting.







**InteliQ. It's simply smarter QC!**



## InteliQ provides enhanced workflow solutions for next generation automated platforms

Automate your QC with InteliQ on next generation platforms. These barcoded, load-and-go controls reduce hands-on time and manual errors, streamlining your workflow and giving you more freedom. InteliQ controls, together with Unity's advanced data management tools, improve workflow efficiency. InteliQ. It's simply smarter QC.

### InteliQ Quality Controls and Unity software tools offer you the following benefits:

<p><b>InteliQ Tubes</b></p> 	<ul style="list-style-type: none"> <li>▪ Eliminate manual pour-off with ready-to-use "load and go" convenience to minimize handling errors and improve efficiency</li> <li>▪ Reduce use of consumables and minimize laboratory waste</li> <li>▪ Conveniently store refrigerated on-board the analyzer*</li> </ul>
<p><b>InteliQ Barcode Labels</b></p> 	<ul style="list-style-type: none"> <li>▪ Each InteliQ tube is labeled with a unique sample identifier that provides traceability</li> <li>▪ Eliminates manual QC order entry and prevents handling errors for a simpler, more efficient workflow</li> </ul>
<p><b>eData</b></p> 	<ul style="list-style-type: none"> <li>▪ Import value assignment data to the analyzer via XML data files with Bio-Rad's proprietary format for embedded data security</li> <li>▪ Eliminates manual data input and prevents transcription errors</li> <li>▪ Provides open-vial stability information for available analytes</li> </ul>
<p><b>Unity</b></p> 	<ul style="list-style-type: none"> <li>▪ Access the industry leading Unity data management program and global peer group comparisons for greater confidence in reliability of patient results</li> <li>▪ Use advanced Unity software tools to support your lab's risk management program and simplify compliance reporting to achieve quality goals</li> </ul>

\*Optional Atellica® Solution Sample Handler.



## InteliQ Quality Controls

### InteliQ Assayed Multiqual Control



Comprehensive range of 80 analytes to maximize testing efficiency for automated platforms

- Liquid, human serum based
- 3 year shelf life at -20°C to -70°C
- 14 day open-vial stability at 2-8°C for most analytes

#### Analytes

α-1-Antitrypsin	Calcium	Haptoglobin	Salicylate
α-1-Globulin	Calcium (Ionized)	Immunoglobulin A (IgA)	Sodium
α-2-Globulin	Carbamazepine	Immunoglobulin G (IgG)	T3 (Total)
β-Globulin	Carbon Dioxide (CO <sub>2</sub> )	Immunoglobulin M (IgM)	T3 Uptake/T Uptake
γ-Globulin	Ceruloplasmin	Iron	T4 (Free)
γ-Glutamyltransferase (GGT)	Chloride	Iron (TIBC)	T4 (Total)
Acetaminophen	Cholesterol (HDL)	Iron (UIBC)	Theophylline
Acid Phosphatase (Total)	Cholesterol (LDL)	Lactate (Lactic Acid)	Thyroid Stimulating Hormone (TSH)
Albumin	Cholesterol (Total)	Lactate Dehydrogenase (LDH)	Tobramycin
Albumin-to-Globulin Ratio	Cholinesterase	LAP Arylamidase	Transferrin
Alkaline Phosphatase	Complement C3	Lipase	Triglycerides
ALT/SGPT	Complement C4	Lithium	Urea
Amikacin	Copper	Magnesium	Urea Nitrogen (BUN)
Amylase	Cortisol	Osmolality	Uric Acid
Amylase (Pancreatic)	Creatine Kinase (CK)	Phenobarbital	Valproic Acid
Apolipoprotein A-I	Creatinine	Phenytoin	Vitamin B <sub>12</sub>
Apolipoprotein B	Digoxin	Phospholipids	Zinc
AST/SGOT	Ethanol	Phosphorus	
Bilirubin (Direct)	Ferritin	Potassium	
Bilirubin (Neonatal)	Gentamicin	Prealbumin	
Bilirubin (Total)	Glucose	Protein Serum (Total)	

### InteliQ Ethanol/Ammonia Control



Normal, elevated and toxic concentrations of Ethanol and Ammonia to monitor precision across the clinical range

- 2 year shelf life at 2-8°C
- 13 day open-vial stability at 2-8°C for Ammonia
- 3 day open-vial stability at 2-8°C for Ethanol

#### Analytes

Ammonia  
Ethanol

## InteliQ Homocysteine Control



Monitors precision of Homocysteine assays.

- Liquid, human serum based
- 3 year shelf life at -20°C to -70°C
- 30 day open-vial stability at 2-8°C

### Analyte

Homocysteine

## InteliQ Specialty Immunoassay Control



Multi-analyte control for monitoring the precision of specialty immunoassay testing.

- Liquid, human serum based
- 2 year shelf life at -20°C to -70°C
- 30 day open-vial stability at 2-8°C for most analytes

### Analytes

25-Hydroxy Vitamin D  
Anti-Thyroglobulin (Anti-Tg)  
Anti-Thyropoxidase (Anti-TPO)  
C-Peptide

Erythropoietin (EPO)  
Insulin Growth Factor I (IGF-I)/Sorratomedin C  
Intact PTH  
Osteocalcin

## InteliQ Tumor Marker Control



Comprehensive, assayed, multi-analyte control for monitoring precision of immunoassay-based oncology testing procedures.

- Liquid, human serum based
- 2 year shelf life at -20°C to -70°C
- 30 day open-vial stability at 2-8°C for most analytes

### Analytes

α-Fetoprotein (AFP)  
β-2-Microglobulin  
β-hCG  
CA 15-3  
CA 19-9  
CA 27.29  
CA 72-4\*  
CA 125  
Carcinoembryonic Antigen (CEA)  
Cyfra 21-1\*  
Ferritin  
hCG  
hCG (Total)

hCG (Intact)  
HE4  
Her-2/neu  
Insulin Growth Factor I (IGF-I)  
PAP  
ProGRP\*  
Prolactin  
PSA (Free)  
PSA (Total)  
SCC\*  
Thyroglobulin (Tg)

\*International Use Only





## Quality Controls for Workflow Solutions

### Liquichek Cardiac Markers Plus Control LT



Multi-analyte control designed to monitor precision of cardiac assessment assays.

- Liquid, human serum based
- 2 year shelf life at -20°C to -70°C
- 20 day open-vial stability at 2-8°C for most analytes

#### Analytes

BNP  
CK Total

CK-MB Isoenzyme  
CRP

Digitoxin  
Myoglobin

NT-proBNP  
Troponin I

### Liquichek Immunoassay Plus Control



Offers a wide range of popular immunoassay analytes. Provides an efficient solution for laboratories that focus on routine testing.

- Liquid human serum based
- 2 year shelf life at -20°C to -70°C
- 14 day open-vial stability at 2-8°C for most analytes

#### Analytes

Acetaminophen  
AFP  
Carbamazepine  
CEA  
CK-MB Isoenzyme  
Cortisol  
DHEA-Sulfate  
Digoxin  
Estradiol  
Ferritin  
Folate

FSH  
Gentamicin  
hCG  
IgA  
IgE  
IgG  
IgM  
Insulin  
Iron  
Lithium  
Luteinizing Hormone (LH)

Phenobarbital  
Phenytoin  
Progesterone  
Prolactin  
PSA  
Salicylate  
SHBG  
T3 Free  
T3 Total  
T3 Uptake  
T4 Free

T4 Total  
Testosterone  
Theophylline  
TSH  
Tobramycin  
Valproic Acid  
Vancomycin  
Vitamin B<sub>12</sub>

## Liquichek Immunology Control



Comprehensive menu of serum proteins and analytes, including Rheumatoid Factor.

- Liquid human serum based
- 2 year shelf life at -20°C to -70°C
- 30 day open-vial stability at 2-8°C for most analytes

### Analytes

α-1-Acid Glycoprotein	Ceruloplasmin	IgA	Prealbumin
α-1-Antitrypsin	Complement C3	IgE	Protein (Total)
β-2-Microglobulin	Complement C4	IgG	Rheumatoid Factor
Albumin	CRP	IgM	Transferrin
Antistreptolysin O (ASO)	Cystatin C	Kappa Light Chain	
Apolipoprotein A-1	Ferritin	Lambda Light Chain	
Apolipoprotein B	Haptoglobin	Lipoprotein (a)	

## Liquichek Urine Chemistry Control



Liquid, bilevel human urine based control ideal for monitoring urine chemistry test procedures.

- Offers 19 analytes
- 2 year shelf life at 2-8°C
- 30 day open-vial stability at 2-8°C for all analytes

### Analytes

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



### XML value assignment available for next generation platforms

My eInserts XML software creates an eXtensible Markup Language (XML) file based on the instrument, control product, and lot number you select. The XML file contains value assignment data for next generation platforms, such as the Siemens Healthineers Atellica® Solution.

Please refer to the eInserts XML flyer for step-by-step instructions.

Visit [www.myinserts.com](http://www.myinserts.com) for easy access to your eData

## Ordering Information

Cat # Description

### InteliQ Assayed Multiquel Control

12008256	Level 1	12 x 3 mL
12008257	Level 2	12 x 3 mL
12008258	Level 3	12 x 3 mL
12008259	Trilevel MiniPak (1 of each level)	3 x 3 mL

### InteliQ Ethanol/Ammonia Control

12008299	Level 1	6 x 2 mL
12008300	Level 2	6 x 2 mL
12008301	Level 3	6 x 2 mL
12008302	Trilevel MiniPak (1 of each level)	3 x 2 mL

### InteliQ Homocysteine Control

12004309	Level 1	6 x 1 mL
12004310	Level 2	6 x 1 mL
12004311	Level 3	6 x 1 mL
12004312	Trilevel MiniPak (1 of each level)	3 x 1 mL

### InteliQ Specialty Immunoassay Control

12008276	Level LTA	6 x 4 mL
12008277	Level 1	6 x 4 mL
12008278	Level 2	6 x 4 mL
12008279	Level 3	6 x 4 mL
12008280	Four Level MiniPak (1 of each level)	4 x 4 mL

### InteliQ Tumor Marker Control

12008289	Level 1	6 x 2 mL
12008290	Level 2	6 x 2 mL
12008291	Level 3	6 x 2 mL
12008292	Trilevel MiniPak (1 of each level)	3 x 2 mL

Cat # Description

### Liquichek Cardiac Markers Plus Control LT

12004806	Level 1	6 x 3 mL
12004814	Level 1B	6 x 3 mL
12004808	Level 2	6 x 3 mL
12004810	Level 3	6 x 3 mL
12004807	Level 1 Minipak	1 x 3 mL
12004815	Level 1B MiniPak	1 x 3 mL
12004809	Level 2 MiniPak	1 x 3 mL
12004811	Level 3 MiniPak	1 x 3 mL

### Liquichek Immunoassay Plus Control

12004319	Level 1	12 x 4 mL
12004320	Level 2	12 x 4 mL
12004321	Level 3	12 x 4 mL
12004322	Trilevel MiniPak (1 of each level)	3 x 4 mL

### Liquichek Immunology Control

12003784	Level 1	6 x 3 mL
12003785	Level 2	6 x 3 mL
12003786	Level 3	6 x 3 mL
12003787	Trilevel MiniPak (1 of each level)	3 x 3 mL

### Liquichek Urine Chemistry Control

12004329	Level 1	12 x 4 mL
12004330	Level 2	12 x 4 mL
12004331	Bilevel MiniPak (1 of each level)	2 x 4 mL

Bio-Rad packaging is certified environmentally friendly.

To learn more about InteliQ Quality Controls please visit [www.qcnet.com/InteliQ](http://www.qcnet.com/InteliQ)



**EQAS**

An independent, external assessment of performance in comparison to your peers.



**Independent QC**

Ongoing, proactive, unbiased daily QC that helps identify errors as they occur or begin to trend.



**Unity**

QC Data Management tools that help you create a strategy to reduce risk and streamline QC workflow.

**BIO-RAD**

**Bio-Rad  
Laboratories, Inc.**

For further information, please contact the Bio-Rad office nearest you or visit our website at [www.qcnet.com/InteliQ](http://www.qcnet.com/InteliQ)

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