

Clinical Chemistry

**eLITROL SelectQC™**

*Confidence  
through worldwide  
peer IQC data*



**VitalScientific**  
Diagnostics for Life

# High-quality dedicated QC material

*Selectra reagents as well as calibrators and controls are an integral part of the Selectra Pro & Mach5 systems to achieve Selectra performance at the highest level.*

## Dedicated Controls

VitalScientific controls are included in the eELITROL SelectQC program. Dedicated QC material is available for several parameters such as

- CRP
- HbA1c
- Microalbumin
- Rheumatology (RF & ASO)
- Vitamin D
- CKMB

## Multiparametric ELITROL I & II

For multiparametric purposes, VitalScientific provides the ELITROL I & II human serum-based QC material. ELITROL controls are validated with VitalScientific Systems and lot-specific concentrations per analyte can easily be imported into the Selectra analyzers via barcode.



# eLITROL SelectQC™

*eLITROL SelectQC™ provides a comprehensive dedicated web-based Internal Quality Control (IQC) platform for all Selectra System users in Clinical Chemistry laboratories seeking confidence in performance through peer IQC data.*

- State-of-the-art IQC system for Selectra
- Worldwide Peer IQC data comparison
- Real-time reports for internal records
- Remote WEB platform for easy access
- High-quality dedicated QC material



# Benefits

## Gaining confidence in IQC

VitalScientific's eLITROL SelectQC will greatly assist in gaining confidence in the laboratory's performance and in possible troubleshooting. A number of comprehensive monthly and cumulative IQC reports, including interlaboratory data, are easily generated, so IQC records are always up to date without hurdles.

## Monitoring of Analytical Quality

By using eLITROL SelectQC it's possible to monitor, maintain and improve the analytical quality based on individual laboratory performance specifications; define Total Error limits, and monitor six sigma performance in real-time.

## Operational efficiency in IQC

The IQC records can be readily maintained, and are always up to date when using eLITROL SelectQC. It gives more time for reviewing the performance via readily available reports including meaningful peer data.

## Opportunities for IQC improvements

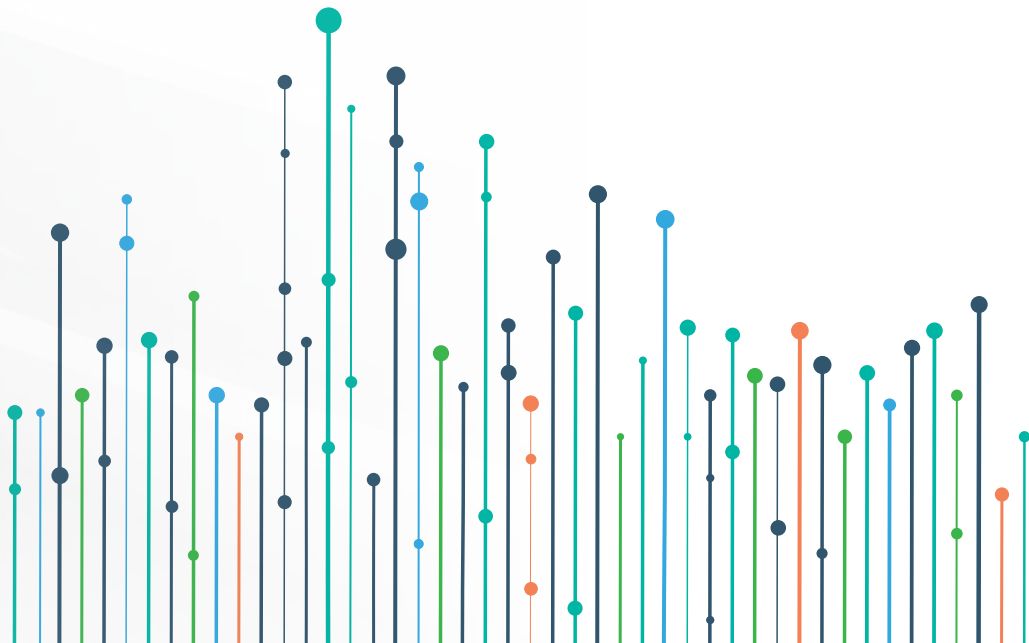
Benchmarking the laboratory's performance against other laboratories highlights where performance could be improved and what can be expected. Opportunities for improvements can be identified quickly without investing in software for statistical & data reduction packages.

## Enhances IQC troubleshooting

Through real-time access to the peer data, the identification of the IQC outlier source gets faster and easier; whether the problem is unique to your laboratory, or if other laboratories are reporting the same issue at the very same time.

## Selectra-specific data

Results are specific for the Selectra systems and lots of controls. Differences from peer data are more easily interpreted thanks to as minimal as possible influence from other manufacturer reagents or instruments.



# Available reports

## Laboratory specific reports

### ▶ Levy-Jennings Reports

Monthly & cumulative data

### ▶ Sigma Metrics and export data

Based on lab performance requirements

## Peer group reports

### ▶ Test System & Method Principle Peer

QC Lot specific statistics

### ▶ Group Co-Ordinator report

Test by test listing of statistics

### ▶ Exceptions Report

Laboratory performance vs. peer group

### ▶ Monthly Summary Report

12 months & Lot-to-Date (LTD) period

### ▶ Youden Plots

Internal QC vs. test system by individual analyte



# How to join the eLITROL SelectQC program and have access to the IQC eLearning series?



**Scan the QR code and fill in the registration form or contact your local VitalScientific representative for more information.**

## VitalScientific

VitalScientific is an established global manufacturer and distributor with over 60 years of expertise in clinical laboratory instrumentation and reagents for In-Vitro Diagnostic (IVD) applications. We improve global healthcare by delivering high-quality, cost-efficient Clinical Chemistry benchtop solutions, benefiting healthcare providers and patients worldwide.

Our Selectra systems have performance and quality designed into the complete system across all key components:

- Analyzers
- Liquid stable reagents
- Calibrators & controls
- ISE (Ion-Selective Electrode)
- Service and training

*With a strong heritage of Selectra reliability and performance, your laboratory can grow with confidence.*

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