



## Simplifying the switch to Technopath's Multichem® third party QC:



ORDER

1

**Order Multichem** third party QC from your local Roche representative.



DOWNLOAD

2

**Access pre-configured QC means and ranges** through **cobas®** instrument

Download QC means and ranges directly to your **cobas®** analyzer by accessing Roche Enterprise in the same manner as for assays.



RUN

3

**Run QC**

Run the Multichem QC in parallel with your current QC product by collecting a minimum of 10-20 data points\*. It is suggested to:

- Run the 10-20 data points\* over multiple days to account for as many variables as possible.
- Include multiple shifts to run the samples if the lab has environmental changes from each shift.



REVIEW

4

**Review your results and you are ready to switch!**

As you perform your crossover, calculate the number of points included in the correlation, Mean, Standard Deviation (SD), and Coefficient of Variation (CV).

- CV: How well does the CV compare with laboratory expectations? If you notice a significant difference in the CV, review the data and if required, contact your local Roche representative for further investigation.
- Mean: Review how your collected mean agrees with the package insert mean or peer data.

**You are ready to switch!**

IAMQC® is available for interlaboratory peer comparison tool.

For assistance with your target values and ranges, please refer to: 'Educational Guide for Target Values and Ranges.'

\* Indicates a typical data collection period. Please follow your laboratory protocol and, where required, local regulatory guidelines eg: utilising Rili-BÄK ranges.

# How to Run Multichem® QC for Roche cobas®

**WATCH NOW**



1 Select QC products from freezer (-20°C to -80°C).



2 Stand for up to 30 minutes, at room temperature to defrost.



3 Roll for up to 15 minutes or until fully thawed and mixed.



4 Optionally, note open and expiry dates and operator initials.



5 Position barcode correctly and remove tube caps.



6 Order QC measurements on cobas® instrument.



7 Load QC rack onto cobas® loading tray.



8 Start QC measurements on cobas® instrument.



9 Take processed QC rack from unload tray and replace caps.



10 Return QC products promptly to fridge (2°C to 8°C).

Subsequent QC Runs - Repeat steps 6-10

## Laboratory Efficiencies with Technopath's QC and IAMQC® QC data management software

### Pre-configured QC

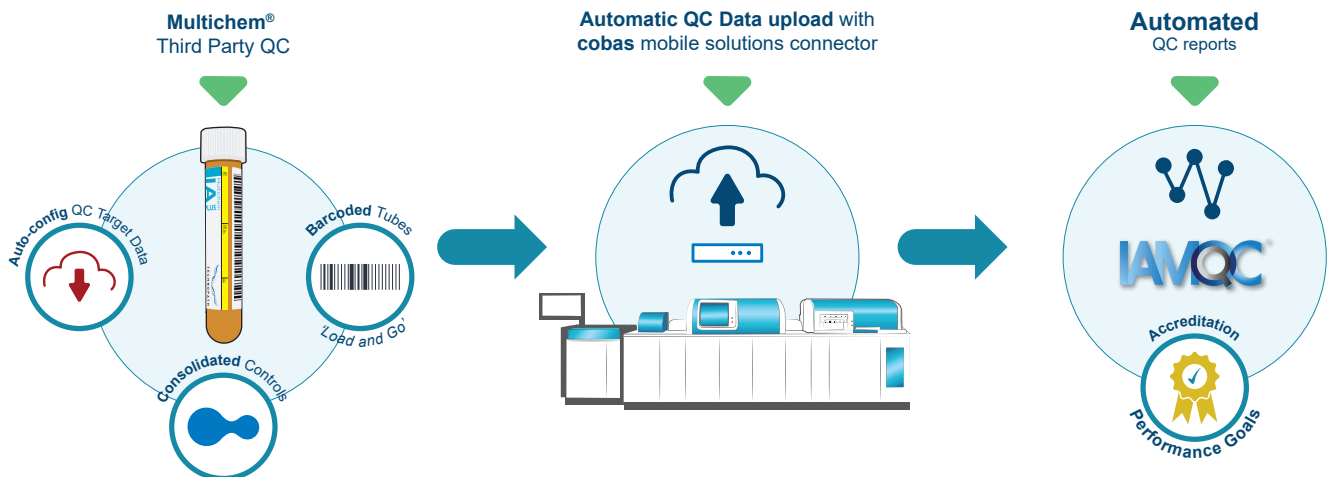
Data for each new lot of Multichem® QC is pre-configured on the Roche Instrument with the target mean and SD for all analytes and levels in the control.

### Barcoded Tubes

Barcoded QC tubes allow you to streamline the testing process by presenting the barcoded QC tube directly to your instrument.

### QC Data Management








The IAMQC® Software product range provides a full suite of QC data management tools, to automate your data collection and analysis.



# Quality Controls for Roche cobas® Systems

Order information:

Order through your local Roche representative

Product	Roche Material Number	Kit Configuration
<b>Multichem IA Plus</b> 	Level 1: 09339825190	12 x 4mL (48mL)
	Level 2: 09339841190	12 x 4mL (48mL)
	Level 3: 09339850190	12 x 4mL (48mL)
<b>Multichem S Plus</b> 	Level 1: 09339795190	12 x 4mL (48mL)
	Level 2: 09339809190	12 x 4mL (48mL)
	Level 3: 09339817190	12 x 4mL (48mL)
<b>Multichem P</b> 	Level P: 09339884190	12 x 4mL (48mL)
<b>Multichem U</b> 	Level 1: 09339868190	12 x 3mL (36mL)
	Level 2: 09339876190	12 x 3mL (36mL)
<b>- Coming Soon - Multichem ID-G</b> 	Single Level: 09339892190	4 x 4mL (16mL)
<b>- Coming Soon - Multichem ID-GNeg</b> 	Single Level: 09339906190	4 x 4mL (16mL)
<b>- Coming Soon - Multichem ID-HIV p24</b> 	Single level: 09915494190	4 x 4mL (16mL)

