



Labquality – EQAS

Integrated EQA

Integrated EQA is a completely new approach to External Quality Assessment. Labquality's advanced integrated EQA programs integrate the pre- and postanalytical phases to the traditional analytical EQA. This approach covers the whole laboratory testing process and provides full support for the ISO 15189 standard requirements.

Labquality – EQAS

Labquality's external quality assessment service program includes more than 170 EQA schemes, covering the key specialities of laboratory medicine. Furthermore, the program includes a wide range of products intended for point-of-care test sites. Currently more than 5000 laboratories and POCT sites in Europe and the Middle East use Labquality's EQA schemes.

SALES AND CUSTOMER SERVICE

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LABQUALITY

Integrated EQA

Quality Control for the Whole Process

Integrated EQA is a new approach to EQA that is designed to cover the whole laboratory testing process. With integrated EQA laboratories get a tool to measure and improve their extra analytical processes as well.

Preanalytical, Analytical and Postanalytical Cases

Integrated EQA schemes have been developed upon Labquality's well-known traditional EQA schemes. Preanalytical and postanalytical phases are included to the scheme as evaluable cases and provided together with traditional EQA samples. The selection of cases and samples vary from round to round. Some rounds only have samples where some include pre- and/or postanalytical cases. To get the best coverage and include all cases we recommend our participants to register to the annual program (all rounds).

Integrated EQA round may include:

- preanalytical cases that are related to the scope of the scheme (written cases, images, videos)
- specimens including disturbing agents (haemolysis, lipemia, drugs)
- traditional specimens
- postanalytical cases related to the scope of the scheme (interpretation, further handling of samples, diagnosis)

EQA with Additional Education

The design of the Integrated EQA schemes is educational and the main goal is to share best practices and learn from other participants. Preanalytical cases and reported results are compared with other laboratories and the default results are listed by scheme experts in the final report. Preanalytical questions are not scored. Postanalytical cases are a part of the analytical process and are reported together with the analytical results. Postanalytical questions are scored in most cases.

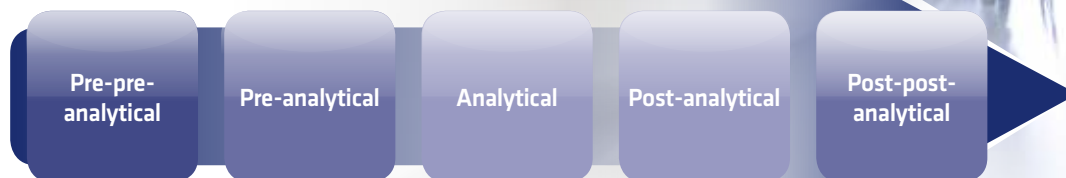
Towards a More Comprehensive EQA

Integrated EQA is needed:

- to fulfill the ISO 15189 requirements
- to provide objective data for the laboratory's risk management
- to share best preanalytical and postanalytical practices
- to learn from the cases

ISO 15189:2012 paragraph 5.6.3.1:

Interlaboratory comparison program chosen by laboratory shall, as far as possible, provide clinically relevant challenges that mimic patient samples and have the effect of checking the entire examination process including pre-examination procedures, and post-examination procedures, where possible.



Integrated EQA Schemes

4420 ABO and Rh grouping

2610 Acid-base status and electrolytes

4460 Antibody screening and compatibility testing

4440 Antiglobulin test, direct

5940 Coeliac disease, antibodies

5080 General Bacteriology 1 (aerobes and anaerobes)

5081 General Bacteriology 2 (aerobes)

2300 Hormones A: Basic analytes of hormone and immunochemistry

2301 Hormones B: Steroid and peptide hormones

2200 Lipids and lipoproteins

2240 Proteins, electrophoresis

1072 Serum A, lyophilized samples

5060 Urine culture, quantitative screening

5065 Urine culture, quantitative screening, identification and susceptibility

More integrated EQA schemes will be launched in 2019.