EQA SAMPLES

QualiCont Nonprofit Kft. is **accredited by NAH** (National Accreditation Authority) under registration number NAH-8-0002/2023 according to the **MSZ EN ISO/IEC 17043:2023 standard** (Conformity assessment — General requirements for proficiency testing) and it has been certified since 2011 according to the **ISO 9001 standard**. QualiCont offers surveys meeting the **requirements of the ISO 15189** (Medical laboratories. Requirements for quality and competence) and the **ISO 22870** (Point-of-care testing (POCT). Requirements for quality and competence) standards, too.

Requirements for the accreditation of medical laboratories (ISO 15189 – 5.6.3 Interlaboratory comparisons):

„The laboratory should participate **in interlaboratory comparison programmes that substantially fulfil the relevant requirements of ISO/IEC 17043**."

„Interlaboratory comparison programme(s) chosen by the 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."

„The laboratory shall integrate **interlaboratory comparison samples into the routine workflow** in a manner that follows, **as much as possible, the handling of patient samples**."

EQA samples of QualiCont

- EQA samples of QualiCont are clinically relevant samples with such matrix **that characteristic most closely patient samples** and the results of which can be used to control the entire testing process.
- **When selecting concentration levels**, QualiCont also follows **routine laboratory work**, particularly when **considering clinical decisions or close to clinical decisions**.
- QualiCont uses **"tailor made" control samples** in the surveys, most of which have been **developed by the manufacturers to meet QualiCont's proficiency testing requirements** and the measurement criteria of the measurement systems used by the participants.
- Based on the written declarations from the manufacturers of samples, **the samples can be considered stable, and the homogeneity can also be confirmed**, therefore they are suitable for EQA purposes. These are supported by the statistical data of the survey (CV%, efficiency).
- **In the case of special schemes (e.g.: POCT, some of the microbiological**) the **control samples are developed with taking into account participant needs** and in order to reduce pre-analytical errors.
- **Use of fresh human self-developed blood samples for blood cell count and blood group serology schemes.**
- In the ***Storage and processing guide***, **QualiCont reminds participants** that the **survey samples should be tested as if they were real patient samples** (serum, urine or blood).

Quality • Reliability • Professional EQA Solution • Patient Safety

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