

ABOUT ESfEQA



ESfEQA is a German company based in Heidelberg and accredited according to DIN EN ISO/IEC 17043:2010 by the German Accreditation Body DAkkS. ESfEQA offers more than 90 External Quality Assessment programs in Biochemistry, Hematology, Immunology, Microbiology, Molecular Diagnostics, and Educational Programs. Please visit our website for more information.

Ask your local distributor or ESfEQA how to get enrolled in the ESfEQA External Quality Assessment Schemes.

URINE SEDIMENTS / MICROSCOPICS

EXTERNAL QUALITY
ASSESSMENT PROGRAM

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EXTERNAL QUALITY ASSESSMENT PROGRAM Urine Sediments

Analytes

Bacteria
Casts
Crystals
Red blood cells
White blood cells

Statistical Evaluations of

Qualitative results
Semi-quantitative results
Quantitative results



Overview

ESfEQA supports medical laboratory centers, hospitals and private practices in their quality assurance of urine sediment analysis. Therefore, we focus on providing an EQA program that includes real samples for monitoring the entire analytical workflow in the laboratory.

Samples and Shipment

The control material for our Urine Sediments EQA is made of human urine that is supplemented with corresponding components. The sample volume is at least 5 mL, thus allowing instrument-based analysis as well as manual microscopy.

The samples are shipped to the participants of the ESfEQA survey semi-annually via the local distributor.

Benefits of ESfEQA EQA

- Patient-like samples instead of digital images simulate the entire analytical workflow
- Liquid, ready-to-use samples made from human urine
- Stable control material allowing efficient shipment cycles
- Samples suitable for automated urine sediment analysis as well as manual microscopy
- Includes the five most common analytes in urine sediment analysis/microscopics
- Reporting of qualitative, semi-quantitative, and quantitative results enabled

ESfEQA Reports and Certificates

Reports with a detailed statistical analysis are provided as PDF-files to each participant via the TEQA web application. This includes the assessment of the laboratory performance in comparison to the target values and to the results of participants that have used the same, but also other analytical devices. Moreover, the reports contain specific comments on the evaluation and conclusions for a better understanding of the survey results.

Certificates are provided as PDF-files for download from the TEQA web application as well.

Reports and certificates are made available within 3 weeks after the closing date for the result submission.



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