ESfEQA
European Society for External Quality Assessment

Survey for qualitative Urine Analysis (Urine Stick; US4, US2)

EQA Provider:	ESfEQA GmbH Heidelberg
Survey Coordinator:	Dr. D. Groche

Instructions for Use

Notes:

The usual precautions in the laboratory for potential hazardous samples apply for these samples. The donors of the used urine units were tested and found to be non-reactive for HBsAg, anti-HIV 1/2 and anti-HCV.

Various tasks of the proficiency testing scheme may occasionally be given over to qualified subcontractors. However, ESfEQA is responsible to the participants for the subcontractor's work.

Results from sample analysis may only be disclosed to colleagues from other laboratories after the testing period has been concluded.

By registering for and participating in this EQA participants agree to accept the general terms and conditions of ESfEQA GmbH. These can be retrieved online at www.esfeqa.eu

1. Intended Use

The samples are intended for use as semi-quantitative control material for External Quality Assessment (EQA) in medical laboratories for the following analytes:

Bilirubin, Glucose, hCG, Hemoglobin, Ketone bodies, Leucocytes, Nitrite, pH, Specific Gravity, Total Protein, Urobilinogen

2. Product Description

The samples are either lyophilized material or liquid, ready-to-use samples based on human urine.

3. Storage and Stability

The samples should be stored upright at 2-8 °C. They are stable at least until the deadline for data submission as indicated below.
Lyophilized samples: After reconstitution, the samples are stable in tightly recapped vials for 3 days at 2-8 °C.

4. Sample Preparation and Analysis

Lyophilized samples: Remove the screw cap from the vial and pipette exactly the amount of distilled or deionized water to the lyophilisate as indicated on the sample label. Keep the sample for about 20 minutes at rest in a light protected place, then gently agitate the vial occasionally until the lyophilisate is completely dissolved.

Liquid, ready-to-use samples: Allow the sample to equilibrate to room temperature for 15 minutes prior to testing. Directly before use, agitate the sample by gently inverting the vial several times.

The samples should be treated the same way as patient samples and analyzed in accordance with the instructions of the instrument and reagent manufacturer.

Colors produced for the urobilinogen on test strips may not be characteristic of those shown on the manufacturer's label when reading the dipstick/urine strip reactions visually. The urobilinogen reactions should intensify with the increase of urobilinogen analyte concentration but may not provide an exact color match to those displayed on the label. In case of such reactions, we ask participants to report urobilinogen as positive. In case the intensity of the color is difficult to assign to a specific concentration, any semi-quantitative range for positive results can be reported.

5. Dates and Submission of Test Results

Testing Periods: Please refer to the sample labels. Results can be submitted anytime within the testing period indicated on the sample labels.

Please submit your results electronically to ESfEQA at https://teqa.esfeqa.eu.

Contact your local distributor of ESfEQA programs or ESfEQA directly if you need assistance with registration in TEQA. Alternatively, though not preferred, use the fax form provided on the ESfEQA website. In both cases indicate the instrument and method used for the analysis of the samples.

6. Deadline for Data Submission

The deadlines for submitting results are indicated on the sample labels (time zone GMT +1):

7. Reports and Certificates

The data will be evaluated by ESfEQA. The individual laboratory reports and certificates can be retrieved online at https://teqa.esfeqa.eu.

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