Survey for Erythrocyte Sedimentation Rate on Mindray ESR analyzers (ESRMR)

Ringversuchsanbieter:	ESfEQA GmbH Heidelberg
Ringversuchsleiter:	Dr. D. Groche

Instructions for Use

Notes:

These controls are intended for in vitro diagnostic use only by trained personnel

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 quantitative control material for External Quality Assessment (EQA) in medical laboratories for the following analytes:

Determination of the Erythrocyte sedimentation rate (ESR) on Mindray ESR line analyzers BC-700 series, BC-760/BC-780. The samples are not suitable for testing with other ESR analytical devices.

2. Product Description

The samples have certain turbidity values, on which the Mindray analyzers perform transmittance measurements related to ESR values in human samples.

Three samples (a, b, c) are provided.

3. Storage and Stability

Protect the vials from overheating and freezing. The controls are stable at least until the deadline for data submission as indicated on the sample labels. After opening, the samples are stable for 6 weeks at 2-8 °C.

4. Sample Preparation and Analysis

When testing external quality assessment samples on Mindray instruments, it is necessary to strictly follow the instructions below.
Also load the samples ESRAF ‘a’, ESRAF ‘b', ESRAF ‘c’ into the analyzer so that you can later assign the results to samples a, b, c.
Operate in quality control mode and select latex as the sample type. Otherwise, incorrect results will be obtained:

(1) Click on “Menu > QC > ↓ > QC > Setup” to enter the quality control file settings interface, then click on “New” to set up the QC file.

(2) Create a new quality control file with the type set to “Latex” and the test panel set to “ESR”, then save.

(3) Enter the quality control (QC) measurement interface, select the newly created latex control file, and click “Count” to start the test.

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 on TEQA 2 (https://teqa-labv2.esfeqa.eu.

Contact your local distributor of ESfEQA programs or ESfEQA directly if you need assistance for registration in TEQA. Alternatively, though not preferred, use the fax form provided on the ESfEQA homepage.

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-labv2.esfeqa.eu.

ESfEQA GmbH
Siemensstr. 38
69123 Heidelberg
Germany

Phone: + 49 6221 4166-700
Fax: + 49 6221 4166-790
info@esfeqa.eu
www.esfeqa.eu