Survey for CO-Oximetry (OXI4, OXI2)

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

Instructions for Use

Notes:

The controls for the program CO-Oxymetrie are purified hemoglobin solutions. These samples do not contain preservatives or human-based materials.

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:

Oxyhemoglobin
Desoxyhemoglobin

Carboxyhemoglobin
Methemoglobin

Total Hemoglobin

2. Product Description

The samples are liquid and ready to use.

3. Storage and Stability

The samples should be stored at 2-8 °C. They are stable at least until the deadline for data submission as indicated below.

4. Sample Preparation and Analysis

The samples should be analyzed immediately after removal from refrigeration.
Directly before use invert the ampoule several times to mix the solution. Tap the ampoule to restore the liquid at the bottom. Use gauze, tissue, gloves, or an appropriate ampoule opener to protect fingers from cuts and open the ampoule by snapping off the tip at the score. Immediately introduce the liquid from the ampoule to the analyzer, following the instruction of the instrument manufacturer for sampling control material. Use direct aspiration, syringe transfer, or capillary mode techniques.

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-labv2.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 result form provided on the ESfEQA website. In both cases indicate the instrument and method used for the analysis of the samples.

Quantitative results are generally reported with a value and a unit. The participant determines the number of digits for reporting. Results specified as e.g. '< below measuring range' or '< 0.02' are not valid. If the analyzer system displays such results, they shall be interpreted as following: For results within the measuring range and below the Limit of Quantification (LoQ) the obtained value should be reported. For results below the Limit of Detection (LoD), this limit should be reported. For samples that have analyte concentrations above the test range, the sample can be diluted (if recommended for particular applications) or the upper test range limit can be reported as result.

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.

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