

Survey for Whole Blood Glucose (GLUWB)

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 Survey Coordinator: Dr. D. Groche

Instructions for Use

Notes:

The usual precautions in the laboratory for potential hazardous samples apply for these samples. The blood donations used for production were found to be non-reactive for HBsAg, anti-HIV 1/2 and anti-HCV. The samples should be used by trained personnel only.

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 and testing sites for the following analyte:

Glucose in whole blood

2. Product Description

The samples consist of blood cells and plasma, which are presented either in a dual chamber container or in a single chamber container (e.g. regular dropper bottle).

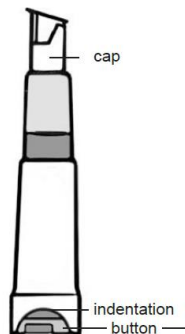


Image: Dual chamber container.

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.

Additional information for dual chamber container samples: After mixing of the blood cells with the provided plasma in the container, the samples are stable for 5 hours at 2-8°C.

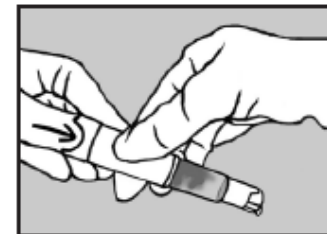
4. Sample Preparation and Analysis

Allow the samples to equilibrate to room temperature for 15 minutes prior to testing.

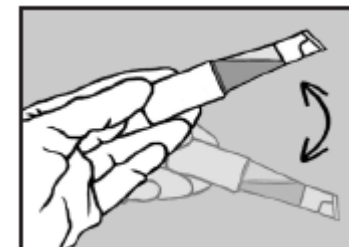
Dual chamber container samples:

In order to 'activate' the sample the blood cells and plasma need to be mixed according to the following steps:

1. Press the button at the bottom of the container firmly until it is completely pushed in and level with the indentation.



2. Gently rock and swirl at least 5 times to mix the content completely.



3. Hold the container with the cap facing up and flick the cap firmly several times to make sure that no liquid remains inside the dropper tip.
4. Open the flip cap very carefully by lifting the cap just a little bit to release the pressure (only with first time use).
5. The first 2 drops should be dispensed and discarded.
6. The dropper bottle is now ready to use to apply a sample drop for testing.
7. After each use, be sure to wipe the dropper tip and inside of cap to keep them clean.
8. **Use the mixed sample within 5 hours**

Single chamber container samples (e.g regular dropper bottle):

1. Gently rock and swirl at least 5 times to mix the content completely.
2. The first 2 drops should be dispensed and discarded.
3. The dropper bottle is now ready to use to apply a sample drop for testing.
4. After each use, be sure to wipe the dropper tip and inside of cap to keep them clean.

General information:

Incomplete mixing of a vial prior to use invalidates both the sample withdrawn and any remaining material in the vial.

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

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 <https://teqa.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 result form provided on the ESfEQA homepage. In both cases, please 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>.