



POCT Haemoglobin EQA

INTENDED USE

Weqas POCT Haemoglobin EQA samples are for in-vitro diagnostic use as an external quality assessment material for testing of Haemoglobin.

SUMMARY

External Quality Assessment (EQA) or proficiency Testing (PT) is an essential part of providing quality laboratory diagnostic services, and participation in EQA is required for laboratory accreditation to ISO 15189 and ISO 17025. EQA is the inter laboratory comparison and performance evaluation that extends throughout all phases of the healthcare diagnostic testing cycle.

PRODUCT DESCRIPTION

1.0mL volume supplied in sterile plastic tubes. The base material is purified stroma free bovine haemolysate.

STORAGE AND STABILITY

Unopened samples are stable for four (4) weeks in a refrigerator at 4°C. Once opened, the EQA samples are stable for 30 days at 2 - 30°C.

The samples should be assayed on the day you receive them. If you are unable to assay the samples immediately upon receipt, please store at 4°C until analysis. Samples stored at 4°C prior to analysis must be brought to room temperature and assayed within 30 minutes.

STORAGE AND PROCEDURE FOR BATCHED SAMPLES

The samples should be stored at 4°C on receipt. At the start of the return window for each distribution the relevant samples must be brought to room temperature and assayed within 30 minutes. Assay as described in PROCEDURE.

PROCEDURE

Each POCT Co-ordinator will receive multiple samples for each POCT site / operator. The samples should be treated the same as patient specimens and run in accordance with the instructions accompanying the test system being used.

1. Mix the sample well by gently inverting 5 to 6 times then gently swirling the vial for 5 to 10 seconds – ensure there are no air bubbles in the sample.
2. Wear gloves and handle the sample as a normal patient sample.
3. Flip the cap open. Wipe any excess material from the vial and the cap with a clean tissue.
4. Gently squeeze the bottle to form a small drop.

5. Follow the manufacturer's instructions for dosing as if it were a patient sample.
6. Record the results according to your organisational policy.
7. Safely dispose of excess sample in accordance with local waste policy guidelines.

The ward/operational site trainer should ensure that as many authorised users as possible participate in the scheme.

Always wear gloves to avoid contamination.

LIMITATIONS OF PROCEDURE

The POCT Haemoglobin EQA samples should be analysed according to the instructions within this document. If there is evidence of microbial contamination or excessive turbidity in the product, discard the vial.

The POCT Haemoglobin EQA requires storage as described in STORAGE AND STABILITY and handling as described in PROCEDURE.

Accurate and reproducible results are dependent upon properly functioning instruments and reagents and the use of correct procedures.

APPROXIMATE RANGE COVERED

The Weqas POCT Haemoglobin EQA samples cover a relevant pathological and analytical range as outlined below.

Analyte	Approx Range
Haemoglobin	38 – 200 g/L

! CAUTION !

Animal source material.

The base material is sterile animal blood from certified healthy donor animals.

Although every effort is made to ensure that the material is free from any known infectious agent, the samples should be handled as for clinical specimens.