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ED Toxicology EQA

INTENDED USE
Weqas *ED Toxicology EQA* samples are for in-vitro diagnostic use as an external quality assessment material for testing of Salicylate, Paracetamol, Ethylene Glycol, Methanol, Ethanol in serum and Ethanol in whole blood.

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
For Salicylate, Paracetamol and Ethanol, 1.0mL volume is supplied in sterile plastic tubes. For Ethylene Glycol and Methanol, separate 0.5mL samples are provided. The material has been prepared from sterile human serum, with an antibiotic added to maintain sterility.

Separate 0.5mL whole blood samples are supplied for whole blood ethanol testing. All samples are dispensed then stored at -20°C until dispatch.

STORAGE AND STABILITY
Unopened samples are stable for two (2) weeks in a refrigerator at 2-8°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 2-8°C until analysis. Samples stored at 2-8°C prior to analysis must be brought to ambient temperature (18-30°C) and assayed within 60 minutes.

Samples should be stored at -20°C for long term storage.

PROCEDURE
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.
2. Wear gloves and handle the sample as a normal patient sample.
3. Safely dispose of excess sample in accordance with local waste policy guidelines.

Always wear gloves to avoid contamination.

STORAGE AND PROCEDURE FOR SAMPLES RECEIVED BY BULK DISPATCH
The samples should be stored at -20°C on receipt. At the start of the return window for each distribution thaw the relevant samples at ambient temperature (18-30°C) for 24 hours and assay as described in PROCEDURE.

LIMITATIONS OF PROCEDURE
The *ED Toxicology EQA* samples should be analysed according to the instructions within this document. If there is evidence of microbial contamination in the product, discard the vial.

The *ED Toxicology* EQA samples require 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.

ANALYTES COVERED
The Weqas *ED Toxicology EQA* samples cover a relevant pathological and analytical range for the analytes listed below.

Analyte
Salicylate
Paracetamol
Ethanol
Ethylene Glycol*
Methanol*
Whole Blood Ethanol

*****_Analytes not accredited._

! CAUTION !
For Whole Blood Ethanol Samples:
Animal source material.
The base material is lysed animal whole blood from certified healthy donor animals.

For all other analytes:
Human source material. Treat as potentially infectious.
Each unit of blood used in the manufacture of this product has been tested and found to be non-reactive for the presence of HBsAg and antibody to HIV-1/2, HCV and HIV-1 Ag.

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.