



# HIL Serum Indices EQA

## INTENDED USE

Weqas *HIL Serum Indices EQA* samples are for in-vitro diagnostic use as an external quality assessment material for testing of Serum Indices.

## 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 material has been prepared from sterile human serum, with an antibiotic added to maintain sterility. Material is spiked with red cells, Bilirubin or Lipid to cover an appropriate range for Haemolysis, Icterus and Lipaemia. The serum is dispensed, then stored at -20°C until dispatch.

## STORAGE AND STABILITY

The samples should be assayed on the day you receive them. If you are unable to assay the samples immediately upon receipt samples stored at 2-8°C prior to analysis must be brought to ambient temperature (18-30°C) and assayed within 1 hour.

Do not freeze the samples, as introducing a freeze thaw cycle will affect the L Index result.

## 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.

Assay as described in PROCEDURE.

Please ensure that the samples are well mixed before analysis.

## ANALYTES COVERED

The *HIL Serum Indices EQA* samples cover a relevant pathological and analytical range.

| Analyte                      |
|------------------------------|
| Semi-Quant Haemolysis Index  |
| Semi-Quant Icterus Index     |
| Semi-Quant Lipaemic Index    |
| Qualitative Haemolysis Index |
| Qualitative Icterus Index    |
| Qualitative Lipaemic Index   |

## LIMITATIONS OF PROCEDURE

The *HIL Serum Indices 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 *HIL Serum Indices 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.

**! CAUTION !**  
**Human source material. Treat as potentially infectious.**

Each unit of whole 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.**