

Eurotrol ICSH HiCN Standard

Intended use

Eurotrol ICSH HiCN Standard is a 1:251 prediluted assayed real heamiglobincyanid (HiCN) reference standard solution for professional use by manufacturers of Hemoglobin testing systems.

The purpose of this reference material is to verify instruments, test strips, cuvettes, cartridges, etc. that are using spectrophotometric measurements at 540 nm for the determination of total haemoglobin.

Summary

Eurotrol ICSH HiCN Standard is a reference material available at one level, with a known concentration. Eurotrol ICSH HiCN Standard is 1:251 prediluted and the corresponding whole blood concentration of total haemoglobin (tHb) is in the physiological range. It is intended that Eurotrol ICSH HiCN Standard should be used to check performance related characteristics of Hb-photometers. Instruments designed to carry out this measurement must meet stringent requirements for accuracy and precision to establish the appropriate patients' treatment.

Reagents

Eurotrol ICSH HiCN Standard provides one physiologically relevant level. Eurotrol ICSH HiCN standard is prepared from a bovine stroma-free haemoglobin solution, without any dyes or preservatives. Ampoules are packed in boxes containing 5 ampoules per box. Each ampoule holds 5.0 mL solution.

Storage and stability

Eurotrol ICSH HiCN Standard should be stored unopened in the refrigerator 2 - 8 °C. Stored unopened at this temperature the product is guaranteed stable until the expiry date, as indicated on the ampoule label and outer box. After opening the ampoule, the product is stable for 30 minutes.

Procedures

1. Allow the ampoule to stand for at least 30 minutes at room temperature (15 - 30 °C).
2. Swirl the ampoule gently. Allow bubbles to rise before opening the ampoule.
3. Protect fingers with gauze, tissue or gloves and carefully snap of the neck of the ampoule.
4. Eurotrol ICSH HiCN Standard is now ready for use. Follow the instructions for measuring according to the instructions in the appropriate manual of the analyser.
Note: Eurotrol ICSH HiCN Standard is 1:251 prediluted and doesn't require further dilution before and/or during measurement procedure.
5. Please refer to local guidelines for recommended frequency of use.

Precautions

1. Not for use by health care professionals or lay persons. Not for use in diagnostic or therapeutic procedures.
2. Animal Blood product. Bovine based materials do not carry biohazards for man such as HepB, HepC and HIV.
3. This product should not be disposed of in the general waste. Consult local environmental authorities for proper disposal.

Reference values

Reference values are available on the enclosed assay sheet. Eurotrol ICSH HiCN Standard is measured using the HiCN reference method. Values on the assay sheet are determined by the International Council for Standardization in Haematology (ICSH) by use of a worldwide network of reference laboratories.

For further information please contact:

Manufacturer

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Symbols used



Manufacturer



Use-by date



Batch code



Catalogue number



Temperature limit



Caution