

TruCal Lipid

Calibrator for use in tests for quantitative in vitro determination of lipids and Lp-PLA₂ on photometric systems

Order Information

Cat. No. 1 3570 99 10 045 Kit size 3 x 2 mL

Description

TruCal Lipid is a lyophilized calibrator based on human blood material (plasma) with additives of purified material of human origin.

Storage and Stability

Unopened: Until the end of the indicated month of expiry, if stored at 2 – 8°C.

Once reconstituted, TruCal Lipid calibrator can be used within the period reported in the table below if stored tightly closed at the indicated temperature and bacterial contamination is avoided.

Shelf life of components after reconstitution:

	-20°C *	+4°C	+25°C
All analytes	30 days	5 days	8 hours

* Freeze only once!

Criterion for the stability stated is a recovery within ± 5% of the initial value.

Warnings and Precautions

1. Only blood donations of European origin were used for the production of TruCal Lipid which were found to be non-reactive when tested with approved methods for HBsAg, anti-HIV 1+2 and anti-HCV. Moreover, HCV and HIV were additionally tested by PCR. As there is no possibility to exclude definitely that products derived from human blood components transmit infectious agents, it is recommended to handle the calibrator with the same precautions used for patient specimens.
2. Please refer to the safety data sheets and take the necessary precautions for the use of calibrators and controls.
3. For professional use only!

Preparation

The lyophilisate is vacuum sealed; therefore, the vial should be opened very carefully to avoid loss of dried material. For reconstitution add exactly 2 mL of distilled water. Close the vial carefully and allow the calibrator to stand for 30 minutes swirling occasionally. Avoid foaming! Do not shake! Transfer corresponding quantity needed for calibration into a clean sample cup and treat it the same way as patient samples. Leave frozen aliquots of the reconstituted TruCal Lipid in the dark at room temperature (18 – 25°C) until they are completely unfrozen. To homogenize after complete defrosting, slightly swivel aliquots and use them immediately afterwards for calibration according to the freshly reconstituted TruCal Lipid.

Procedure

Please refer to the reagent package inserts for instructions for use.

Calibrator Values

The concentrations of the calibrator analytes are lot-specific and stated in the value sheet of the corresponding lot. The values were determined by using the method specified in the value sheet and the reagents specified by the given catalogue number. Determinations were performed according to standardized protocols using DiaSys reagents and TruCal Lipid master calibrator or reference materials. The value sheet contains information regarding the traceability.

Literature

1. Myers GL, Cooper GR, Henderson LO, Hassemer DJ, Kimberly MM. Standardization of lipid and lipoprotein measurements. In: Rifai N, Warnick GR, Dominiczak MH, editors. Handbook of lipoprotein testing. Washington: AACC Press; 1997.p. 223-50.
2. Biosafety in Microbiological and Biomedical Laboratories. U.S. Department of Health and Human Services, Washington 1993 (HHS Publication No. [CDC] 93-8395)

Waste Management

Please refer to local legal requirements.

Manufacturer



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