

TruCal Protein

Calibrator set for use in tests for quantitative in vitro determination of various serum proteins on photometric systems

Order Information

5 9200 99 10 039 5 x 1 mL

Description

TruCal Protein is a set of five liquid stable calibrators with different levels. The calibrators are based on human blood material (plasma).

Storage

The unopened and opened bottles of TruCal Protein must be stored at 2 – 8°C.

Stability

Unopened: Until the end of the indicated month of expiry
Opened: At least 12 weeks
Proper storage and handling of this product must be observed.

Warnings and Precautions

- Each individual blood donation used for production of TruCal Protein was found to be non-reactive when tested with approved methods for HBsAg, anti-HIV 1+2 and anti-HCV. As there is no possibility to exclude definitely that products derived from human blood transmit infectious agents, it is recommended to handle the calibrator with the same precautions used for patient specimens.
- Contains sodium azide (0.95 g/L) as preservative. Do not swallow! Avoid contact with skin and mucous membranes.
- Please refer to the safety data sheets and take the necessary precautions for the use of calibrators and controls.
- For professional use only!

Preparation

TruCal Protein is liquid and ready to use.

Procedure

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

Calibrator Values

The assigned values of TruCal Protein have been made traceable to the ERM[®]-DA470k/IFCC reference material. Calibrator values listed below are specific for this lot number of calibrator only.

Literature

- Stenman UH. Standardization of immunoassays. In: Price CP, Newman DJ, editors. Principles and practice of immunoassay. New York: Stockton Press; 1997.p.243-68.
- Dati F. Reference materials and guidelines for standardization of methods in laboratory medicine. In: Thomas L, editor. Clinical laboratory diagnostics. 1st ed. Frankfurt: TH-Books Verlagsgesellschaft; 1998. p. 1393-1401.
- 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

DiaSys Diagnostic Systems GmbH
Alte Strasse 9
65558 Holzheim Germany



	Level 1	Level 2	Level 3	Level 4	Level 5
Lot:	34724	34725	34726	34727	34728
Expiry date:	2025-07-20	2025-07-20	2025-07-20	2025-07-20	2025-07-20
Albumin	6.04 g/L	12.1 g/L	24.2 g/L	48.4 g/L	96.7 g/L
C3c	22.7 mg/dL 0.227 g/L	45.4 mg/dL 0.454 g/L	90.8 mg/dL 0.908 g/L	182 mg/dL 1.82 g/L	363 mg/dL 3.63 g/L
C4	5.88 mg/dL 0.059 g/L	11.8 mg/dL 0.118 g/L	23.5 mg/dL 0.235 g/L	47.0 mg/dL 0.470 g/L	94.0 mg/dL 0.940 g/L
IgG	206 mg/dL 2.06 g/L	412 mg/dL 4.12 g/L	823 mg/dL 8.23 g/L	1646 mg/dL 16.46 g/L	3292 mg/dL 32.92 g/L
IgM	54.9 mg/dL 0.549 g/L	110 mg/dL 1.10 g/L	220 mg/dL 2.20 g/L	439 mg/dL 4.39 g/L	878 mg/dL 8.78 g/L
IgA	59.8 mg/dL 0.598 g/L	120 mg/dL 1.20 g/L	239 mg/dL 2.39 g/L	479 mg/dL 4.79 g/L	957 mg/dL 9.57 g/L
Prealbumin	7.75 mg/dL 0.078 g/L	15.5 mg/dL 0.155 g/L	31.0 mg/dL 0.310 g/L	62.0 mg/dL 0.620 g/L	124 mg/dL 1.24 g/L
Transferrin	48.6 mg/dL 0.486 g/L	97.3 mg/dL 0.973 g/L	195 mg/dL 1.95 g/L	389 mg/dL 3.89 g/L	778 mg/dL 7.78 g/L