

# TruCal Protein high

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

## Order Information

5 9200 99 10 037

3 x 1 mL

## Description

TruCal Protein high is a liquid stable calibrator 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.

For calibration **5 calibrator levels** are required. Prepare five calibrator levels using TruCal Protein high and NaCl solution 0.9% (9 g/L) according to the instructions in the table below.

**Note:** Homogenize diluted levels by thorough mixing and use them immediately.

## 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<sup>®</sup>-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. 1<sup>st</sup> 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	Lot. No.	Expiry date	Dilution
			Undiluted+NaCl 0.9%
Level 1			1 + 15
Level 2			1 + 7
Level 3			1 + 3
Level 4			1 + 1
Level 5	34308	2025-07-20	Undiluted

Calibrator values	Albumin [g/L]	C3c [mg/dL]	C4 [mg/dL]	IgA [mg/dL]	IgG [mg/dL]	IgM [mg/dL]	Prealbumin [mg/dL]	Transferrin [mg/dL]
Level 1	6.04	22.7	5.88	59.8	206	54.9	7.75	48.6
Level 2	12.1	45.4	11.8	120	412	110	15.5	97.3
Level 3	24.2	90.8	23.5	239	823	220	31.0	195
Level 4	48.4	182	47.0	479	1646	439	62.0	389
Level 5	96.7	363	94.0	957	3292	878	124	778