

# 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<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 1	Level 2	Level 3	Level 4	Level 5
Lot:	30016	30017	30018	30019	30020
Expiry date:	2022-12-15	2022-12-15	2022-12-15	2022-12-15	2022-12-15
<b>Albumin</b>	5.77 g/L	11.5 g/L	23.1 g/L	46.2 g/L	92.4 g/L
<b>C3c</b>	20.9 mg/dL 0.209 g/L	41.8 mg/dL 0.418 g/L	83.6 mg/dL 0.836 g/L	167 mg/dL 1.67 g/L	334 mg/dL 3.34 g/L
<b>C4</b>	6.23 mg/dL 0.062 g/L	12.5 mg/dL 0.125 g/L	24.9 mg/dL 0.249 g/L	49.9 mg/dL 0.499 g/L	100 mg/dL 1.00 g/L
<b>IgG</b>	206 mg/dL 2.06 g/L	412 mg/dL 4.12 g/L	824 mg/dL 8.24 g/L	1648 mg/dL 16.48 g/L	3296 mg/dL 32.96 g/L
<b>IgM</b>	57.3 mg/dL 0.573 g/L	115 mg/dL 1.15 g/L	229 mg/dL 2.29 g/L	458 mg/dL 4.58 g/L	916 mg/dL 9.16 g/L
<b>IgA</b>	66.8 mg/dL 0.668 g/L	134 mg/dL 1.34 g/L	267 mg/dL 2.67 g/L	534 mg/dL 5.34 g/L	1068 mg/dL 10.68 g/L
<b>Prealbumin</b>	6.66 mg/dL 0.066 g/L	13.3 mg/dL 0.133 g/L	26.6 mg/dL 0.266 g/L	53.3 mg/dL 0.533 g/L	107 mg/dL 1.07 g/L
<b>Transferrin</b>	45.6 mg/dL 0.456 g/L	91.2 mg/dL 0.912 g/L	182 mg/dL 1.82 g/L	365 mg/dL 3.65 g/L	729 mg/dL 7.29 g/L