

# TruCal PCT

## Order Information

Cat. No. 1 7310 99 10 082      Kit size 6 x 1 mL

## Intended Use

Calibrator set for use in tests for quantitative in vitro determination of procalcitonin (PCT) on photometric systems.

## Description

TruCal PCT is a set of six liquid stable, aqueous calibrators with different levels. The calibrators contain recombinant PCT and biological additives from bovine origin. The calibrator set is used to calibrate the DiaSys assay Procalcitonin FS.

## Storage

The calibrators both opened and unopened must be stored at 2 – 8°C. Avoid contamination and protect from light. Do not freeze.

## Stability

Unopened: Up to the date of expiry indicated on the kit  
Opened: Up to 4 months

Proper storage and handling of this product must be observed.

## Warnings and Precautions

1. Contains sodium azide (0.95 g/L) as preservative. Do not swallow! Avoid contact with skin and mucous membranes.
2. Contains animal material. The calibrators should be handled as potentially infectious and with the same precautions used for patient specimens.
3. Please refer to the safety data sheets and take the necessary precautions for the use of calibrators and controls.
4. For professional use only.

## Waste Management

Refer to local legal requirements.

## Preparation

The calibrators are liquid and ready to use.

## Materials Required

General laboratory equipment

## Calibrator Values

The assigned values of TruCal PCT have been made traceable in a method comparison of Procalcitonin FS versus a commercially available test on Roche cobas e 411. Calibrator values listed below are specific for this lot numbers of calibrators only.

## Literature

1. Stenman UH, Standardization of immunoassays, In: Price CP, Newman DJ, editors, Principles and practice of immunoassay, New York: Stockton Press; 1997, p. 243-68.
2. Röhle G, Siekmann L. Quality assurance of quantitative determination. In: Thomas L, editor. Clinical laboratory diagnostics. 1st ed. Frankfurt: TH-Books Verlagsgesellschaft; 1998. p. 1393–1401.
3. Biosafety in Microbiological and Biomedical Laboratories, U.S. Department of Health and Human Services, Washington 2009 (HHS Publication No. [CDC] 21–1112).



DiaSys Diagnostic Systems GmbH  
Alte Strasse 9 65558 Holzheim Germany  
www.diasys-diagnostics.com

	Lot No.	Expiry Date	Calibrator Value
TruCal PCT Level 0	32717	2023-05-02	0.00 ng/mL
TruCal PCT Level 1	32718	2023-05-02	0.944 ng/mL
TruCal PCT Level 2	32719	2023-05-02	4.80 ng/mL
TruCal PCT Level 3	32720	2023-05-02	12.2 ng/mL
TruCal PCT Level 4	32721	2023-05-02	24.6 ng/mL
TruCal PCT Level 5	32722	2023-05-02	54.7 ng/mL