

REFERENCES

1. Blirup-Jensen et al.: Clin Chem Lab Med 2001; 39, 1110-22.
2. Blirup-Jensen et al.: Clin Chem Lab Med 2008; 46, 1470-9.







SHIPPING DAMAGE

Please notify your distributor, if this product was received damaged.

REACH

None of the materials and reagents in the kit require a Material Safety Data Sheet (MSDS) according to CLP-Regulation (EC) No 1272/2008 and directive EC 1907/2006 (REACH).

SYMBOLS KEY

	Expiration date
	Consult Instructions for Use
	Manufacturer
	Catalogue Number
	Lot number
	Temperature limitations



Manufacturer

BÜHLMANN Laboratories AG
Baselstrasse 55
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BÜHLMANN sCAL® turbo

Serum calprotectin turbidimetric assay

Control Kit

B-KSCAL-CONSET-U

Version A1

Release Date: 2022-02-14

For research use only.

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INTENDED USE

The BÜHLMANN sCAL® turbo Control Kit is intended for use with the BÜHLMANN sCAL® turbo Reagent Kit, for quality control, in the determination of serum calprotectin (MRP8/14) levels in serum samples.

For research use only. Not for use in diagnostic procedures.

CONTROL VALUE

Control values are assigned according to a value transfer protocol (Ref. 1-2) and are indicated in the enclosed QC-data sheet. The control material comprises recombinant calprotectin and is standardized against an internal reference material.

REAGENTS SUPPLIED

Reagents	Quantity	Code	Preparation
Controls Low / High Controls containing an assigned concentration of recombinant calprotectin	3 x 2 vials 1 mL/vial	B-KSCAL- CONSET-U	Ready to use

Table 1

REAGENT STORAGE AND STABILITY

Unopened controls
Store at 2-8°C. Do not use kit past expiration date printed on the labels.
Opened controls
To be established.

Table 2

MATERIALS REQUIRED BUT NOT PROVIDED

Reagents	Quantity	Code
BÜHLMANN sCAL® turbo Reagent Kit Reaction Buffer (R1) Immunoparticles (R2)	1 vial/24 mL 1 vial/7.3 mL	B-KSCAL-RSET-U
BÜHLMANN sCAL® turbo Calibrator Kit Calibrators 1-6 for establishment of instrument calibration	1 x 6 vials 1 mL/vial	B-KSCAL-CASET-U

Table 3

WARNINGS AND PRECAUTIONS

- This test is for research use only.
- It is recommended that the test be handled by qualified personnel, in accordance with Good Laboratory Practice (GLP).
- Before measuring please equilibrate reagents, controls, calibrators and samples as described in the application note.
- Do not mix controls of different lots or switch caps between reagents.
- Avoid evaporation of the controls.

ASSAY PROCEDURE

Application notes/ assay installation

The assay procedure for the BÜHLMANN sCAL® turbo has been established on several clinical chemistry analyzers. Application notes describing installation and analysis on specific instruments are available from BÜHLMANN upon request.

QC controls

The BÜHLMANN sCAL® turbo Control kit must be assayed each day before running serum sample.

This is to validate the calibration curve established with the BÜHLMANN sCAL® turbo Calibrator Kit (Code: B-KSCAL-CASET-U). The controls have assigned, lot-specific value ranges indicated on the QC-data sheet enclosed. The control measurements must be within the indicated value ranges to obtain valid results for serum.

If the control values are not valid, repeat measurement with fresh controls. If control values remain invalid, recalibrate the instrument. If valid control values cannot be reproduced, after performing the steps described above, contact BÜHLMANN support.