

# PreciControl $\beta$ -Amyloid (1-42)

cobas®

REF 06986846 190

→ 6 x 1.0 mL

## English

### Intended use

PreciControl  $\beta$ -Amyloid (1-42) is used for quality control of the Elecsys  $\beta$ -Amyloid (1-42) CSF immunoassay on the Elecsys and cobas e immunoassay analyzers.

### Summary

PreciControl  $\beta$ -Amyloid (1-42) is a lyophilized control based on an artificial CSF matrix. The controls are used for monitoring the accuracy of the Elecsys  $\beta$ -Amyloid (1-42) CSF assay.

### Reagents - working solutions

- PC AB42 1: 3 bottles, each for 1.0 mL of control CSF based on artificial CSF; preservative  
Target value approximately 500 pg/mL
- PC AB42 2: 3 bottles, each for 1.0 mL of control CSF based on artificial CSF; preservative  
Target value approximately 900 pg/mL

Note: The controls are not barcode-labeled and therefore have to be run like external controls. All values and ranges have to be entered manually. Please refer to the section "QC" in the operator's manual or to the online help of the instrument software.

Non-barcode labeled controls: Only one target value and range for each control level can be entered in the analyzer. The reagent lot-specific target values have to be re-entered each time a specific reagent lot with different control target values and ranges is used. Two reagent lots with different control target values and ranges cannot be used in parallel in the same run.

The exact lot-specific target values and ranges are printed on the enclosed (or electronically available) value sheet in the reagent kit or PreciControl kit. Please make sure that the correct values are used.

### Target values and ranges

The target values and ranges were determined and evaluated by Roche. They were obtained using the Elecsys  $\beta$ -Amyloid (1-42) CSF assay reagents and analyzers available at the time of testing.

If the target values and control ranges are updated, this information is conveyed in an additional value sheet included in the reagent kit. This value sheet lists all control lots to which the new values apply. If some of the values remain unchanged, the original values conveyed in the value sheet included in the control kit (or provided electronically), remain valid.

Results must be within the specified ranges. In the event that increasing or decreasing trends, or any other suddenly occurring deviations beyond the range limits are observed, all test steps must be checked.

When necessary, measurement of the patient sample tested should be repeated.

Traceability information is given in the Method Sheet of the relevant Elecsys assay.

Each laboratory should establish corrective measures to be taken if values fall outside the defined limits.

### Precautions and warnings

For in vitro diagnostic use.

Exercise the normal precautions required for handling all laboratory reagents.

Disposal of all waste material should be in accordance with local guidelines. Safety data sheet available for professional user on request.

This kit contains components classified as follows in accordance with the Regulation (EC) No. 1272/2008:

2-Methyl-2H-isothiazol-3-one hydrochloride

EUH 208 May produce an allergic reaction.



Warning

H319 Causes serious eye irritation.

### Prevention:

P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Product safety labeling follows EU GHS guidance.

Contact phone: all countries: +49-621-7590

The controls may not be used after the expiration date.

Avoid foam formation in all reagents and sample types (specimens, calibrators and controls).

### Handling

Carefully dissolve the contents of one bottle by adding exactly 1.0 mL of distilled or deionized water and allow to stand closed for 15 minutes to reconstitute. Mix carefully, avoiding foam formation.

Transfer the reconstituted controls into the empty labeled snap-cap bottles supplied or into additional snap-cap bottles (ControlSet Vials). Attach the supplied labels to these additional bottles. Aliquots intended for storage at -20 °C should be frozen immediately.

Perform **only one** control procedure per aliquot.

When measuring non-barcoded controls, use only recommended sample tubes, "cup on tube" or "cup on rack".

### Storage and stability

Store at 2-8 °C.

The lyophilized control is stable up to the stated expiration date.

Stability of the components in reconstituted control:	
either at -20 °C	31 days (freeze only once)
or at 2-8 °C	72 hours
on the analyzers at 20-25 °C	up to 5 hours

Store controls **upright** in order to prevent the control solution from adhering to the snap-cap.

### Materials provided

- PreciControl  $\beta$ -Amyloid (1-42)

### Materials required (but not provided)

- MODULAR ANALYTICS E170 or cobas e immunoassay analyzers and assay reagents
- Distilled or deionized water

See the assay Method Sheet and the operator's manual for additionally required materials.

### Assay

Treat the reconstituted control in the system-compatible labeled bottles for analysis in the same way as patient samples.

The control values and ranges must be entered manually. Please refer to the corresponding section in the operator's manual.

Ensure the controls are at 20-25 °C prior to measurement.

Run controls daily in parallel with patient samples, once per reagent kit, and whenever a calibration is performed. The control intervals and limits should be adapted to each laboratory's individual requirements.

Follow the applicable government regulations and local guidelines for quality control.

For further information, please refer to the appropriate operator's manual for the analyzer concerned, the respective application sheets, the product

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information and the Method Sheets of all necessary components (if available in your country).

A point (period/stop) is always used in this Method Sheet as the decimal separator to mark the border between the integral and the fractional parts of a decimal numeral. Separators for thousands are not used.

## Symbols

Roche Diagnostics uses the following symbols and signs in addition to those listed in the ISO 15223-1 standard (for USA: see <https://usdiagnostics.roche.com> for definition of symbols used):

	Contents of kit
	Analyzers/Instruments on which reagents can be used
	Reagent
	Calibrator
	Volume after reconstitution or mixing
	Global Trade Item Number

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Additions, deletions or changes are indicated by a change bar in the margin.

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