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PreciControl Multimarker

cobas®

REF **05341787** 190 → **6 x 2.0 mL**

REF **05341787** 922 (QCS)

English

Intended use

PreciControl Multimarker is used for quality control of specified immunoassays on the Elecsys and **cobas e** immunoassay analyzers.

Summary

PreciControl Multimarker is a lyophilized control serum based on an equine serum matrix in two concentration ranges. The controls are used for monitoring the accuracy and precision of Elecsys immunoassays.

Reagents - working solutions

- PC MM1: 3 bottles, each for 2.0 mL of control serum
- PC MM2: 3 bottles, each for 2.0 mL of control serum

Substance in an equine serum matrix	PC MM1	PC MM2	Unit
ACTH (synthetic)	approx. 50 approx. 11	approx. 1000 approx. 220	pg/mL pmol/L
C-Peptide (synthetic)	approx. 2 approx. 0.667	approx. 10 approx. 3.33	ng/mL nmol/L
hGH (recombinant, from E. coli)	approx. 1	approx. 10	ng/mL
Insulin (human, recombinant, from yeast)	approx. 25 approx. 174	approx. 80 approx. 556	µU/mL pmol/L
IL-6 (human, recombinant)	approx. 40	approx. 250	pg/mL
PlGF (human, recombinant, from E. coli)	approx. 100	approx. 1000	pg/mL
sFlt (fragment, human, recombinant)	approx. 100	approx. 1000	pg/mL

The exact lot-specific target values and ranges are encoded in the barcodes as well as printed on the enclosed (or electronically available) value sheet.

Target values and ranges

The target values and ranges were determined and evaluated by Roche. They were obtained using the Elecsys assay reagents and analyzers available at the time of testing.

If the target values and control ranges are updated, this information is conveyed either via the reagent barcodes, or control barcodes (or provided electronically) and 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 via the CBC (Control Barcode), and 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.

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:

Warning

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Prevention:

P280 Wear eye protection/ face protection.

P280 Wear protective gloves.

Response:

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

P362 + P364 Take off contaminated clothing and wash it before reuse.

Product safety labeling primarily 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 2.0 mL of distilled or deionized water and allow to stand closed for 30 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.

Please note: Both the vial labels, and the additional labels (if available) contain 2 different barcodes. The barcode between the yellow markers is for **cobas** 8000 systems only. If using a **cobas** 8000 system, please turn the vial cap 180° into the correct position so the barcode can be read by the system. Place the vial on the instrument as usual.

Storage and stability

Store at 2-8 °C.

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

Stability of all the components - except for PlGF - in the reconstituted control serum:	
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

Stability of PlGF in the reconstituted control serum:	
at -20 °C	31 days (freeze only once)
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 Multimarker, 2 barcode cards, control barcode sheet, 2 x 3 empty labeled snap-cap bottles, 2 x 10 bottle labels

Materials required (but not provided)

- REF 03142949122, ControlSet Vials, 2 x 56 empty snap-cap bottles
- Elecsys 2010, MODULAR ANALYTICS E170 or **cobas e** immunoassay analyzers and assay reagents.

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- Distilled or deionized water

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

Assay

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

Read the data into the analyzer.

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 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.

CONTENT	Contents of kit
SYSTEM	Analyzers/Instruments on which reagents can be used
REAGENT	Reagent
CALIBRATOR	Calibrator
→	Volume after reconstitution or mixing
GTIN	Global Trade Item Number

CE

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