

REF 07125941 190

→ 4 x 1.0 mL

## English

### Intended use

CalSet GDF-15 is used for calibrating the quantitative Elecsys GDF-15 assay on the Elecsys and **cobas e** immunoassay analyzers.

### Summary

CalSet GDF-15 is a lyophilized equine serum matrix with added recombinant GDF-15 in two concentration ranges.

The CalSet can be used with all reagent lots.

### Reagents - working solutions

- GDF-15 Cal1: 2 bottles, each for 1.0 mL of calibrator 1
  - GDF-15 Cal2: 2 bottles, each for 1.0 mL of calibrator 2
- GDF-15 in two concentration ranges (approximately 400 pg/mL and approximately 13500 pg/mL) in an equine serum matrix.

The exact lot-specific calibrator values are encoded in the barcode.

### Calibrator values

Traceability: The Elecsys GDF-15 assay has been standardized by weighing recombinant GDF-15 into equine serum.

### 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.

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 calibrators into the supplied empty labeled snap-cap bottles.

Unless the entire volume is necessary for calibration on the analyzers, transfer aliquots of the reconstituted calibrators into empty snap-cap bottles (CalSet Vials). Attach the supplied labels to these additional bottles. Store the aliquots at -20 °C for later use. Allow the thawed bottles to stand closed for 15 minutes at 20-25 °C and mix carefully before use, avoiding foam formation.

Perform **only one** calibration 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 calibrators are stable up to the stated expiration date.

Stability of the reconstituted calibrators:	
either at -20 °C	8 weeks (freeze only once)
or at 2-8 °C	up to 5 hours
on the analyzers at 20-25 °C	use only once

Store calibrators **upright** in order to prevent the calibrator solution from adhering to the snap-cap.

### Materials provided

- CalSet GDF-15, barcode card, 4 empty labeled snap-cap bottles, 2 x 6 bottle labels

### Materials required (but not provided)

- REF 11776576322, CalSet Vials, 2 x 56 empty snap-cap bottles
- MODULAR ANALYTICS E170 or **cobas e** immunoassay analyzers and Elecsys GDF-15 assay reagents
- Distilled or deionized water

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

### Assay

Place the reconstituted calibrators (in the system-compatible bottles with barcoded labels) in the sample zone.

Read in all the information necessary for calibrating the assay.

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

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:

	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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