



# Ferritin CalSet

cobas®

REF 03737586 190

4 x 1.0 mL

For USA: Elecsys Ferritin CalSet

## English

### Intended use

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

### Summary

Ferritin CalSet is a human serum with added ferritin in two concentration ranges.

The CalSet can be used with all reagent lots.

### Reagents - working solutions

- FERR Cal1: 2 bottles, each containing 1.0 mL of calibrator 1
- FERR Cal2: 2 bottles, each containing 1.0 mL of calibrator 2

Ferritin (human, liver) in two concentration ranges (approximately 10 µg/L or ng/mL and approximately 300 µg/L or ng/mL) in a human serum matrix.

**cobas e** 801 analyzer: The exact lot-specific calibrator values are encoded in the electronic barcode and available via the **cobas** link.  
All other analyzers: The exact lot-specific calibrator values are encoded in the barcode as well as printed on the enclosed (or electronically available) calibrator barcode sheet.

### Calibrator values

Traceability: The Elecsys Ferritin assay (REF 03737551) has been standardized against the Elecsys Ferritin assay (REF 11820982). The Elecsys Ferritin assay (REF 11820982) has been standardized against the Enzygnost Ferritin method. This in turn has been standardized against NIBSC (National Institute for Biological Standards and Control) "Reagent for Ferritin (human liver)" 80/602.

### 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.

For USA: For prescription use only.

All human material should be considered potentially infectious. All products derived from human blood are prepared exclusively from the blood of donors tested individually and shown to be free from HBsAg and antibodies to HCV and HIV. The testing methods applied were FDA-approved or cleared in compliance with the European Directive 98/79/EC, Annex II, List A.

However, as no testing method can rule out the potential risk of infection with absolute certainty, the material should be handled with the same level of care as a patient specimen. In the event of exposure, the directives of the responsible health authorities should be followed.<sup>1,2</sup>

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

### Handling

The calibrators are supplied ready-for-use in bottles compatible with the system.

**cobas e** 411 analyzer: The calibrators should only be left on the analyzer during calibration at 20-25 °C. After use, close the bottles as soon as possible and store upright at 2-8 °C.

Due to possible evaporation effects, not more than 5 calibration procedures per bottle set should be performed.

MODULAR ANALYTICS E170, **cobas e** 601, **cobas e** 602 and

**cobas e** 801 analyzers:

Perform **only one** calibration procedure per bottle.

*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.

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

Stability:	
unopened at 2-8 °C	up to the stated expiration date
after opening at 2-8 °C	12 weeks
on <b>cobas e</b> 411 analyzer at 20-25 °C	up to 5 hours
on MODULAR ANALYTICS E170, <b>cobas e</b> 601, <b>cobas e</b> 602 and <b>cobas e</b> 801 analyzers at 20-25 °C	use only once

### Materials provided

- Ferritin CalSet, barcode card, calibrator barcode sheet

### Materials required (but not provided)

- MODULAR ANALYTICS E170 or **cobas e** immunoassay analyzers and Elecsys Ferritin assay reagents

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

### Assay

Place the bottles 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.

### References

- Occupational Safety and Health Standards: Bloodborne pathogens. (29 CFR Part 1910.1030). Fed. Register.
- Directive 2000/54/EC of the European Parliament and Council of 18 September 2000 on the protection of workers from risks related to exposure to biological agents at work.

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

### FOR US CUSTOMERS ONLY: LIMITED WARRANTY

Roche Diagnostics warrants that this product will meet the specifications stated in the labeling when used in accordance with such labeling and will be free from defects in material and workmanship until the expiration date printed on the label. THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT SHALL ROCHE DIAGNOSTICS BE LIABLE FOR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES.

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