

ADVISORY NOTICE

02_2026_Iron

PRODUCTS:

IRON

FE 125

Cat. No. XSYS0049

Dear customers,

With a mission to continuously enhance user experience and satisfaction, we would like to inform you regarding the innovation – composition change of diagnostic reagent IRON (FE 125, Cat. No. XSYS0049) leading to the performance improvement.

Substrate Ferene S is used in the innovated reagent instead of Ferrozine.

Transferrin-bound iron is released at an acidic pH and reduced from ferric to ferrous ions by ascorbic acid and thiourea. These ions react with Ferene S to form a violet-coloured complex. The resulting change in absorbance measured at 600 nm is proportional to the iron concentration in the sample.

Both reagents contain thiourea which also serves to elimination of carry-over with the reagents containing copper (i.e. CREA 275, TP 440).

The new composition improved the analytical performances (limit of quantification, linearity, precision).

Pack sizes are not changed.

The new composition also means a partial change of some assay parameters – lower reagents and sample volume and different primary wavelength.

To be able to use innovated kits on Erba XL analysers please upload the latest version of Default parameters settings and Carry-over pairs version 56, which can be downloaded from Erba Knowledge base.

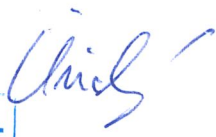
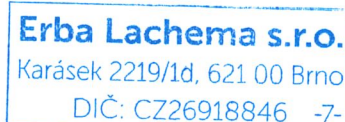
The first batch with a new composition is: lot 2605011

They will be available from May 2026

In case of any questions, please do not hesitate to contact your local ERBA team.

Best regards,

Erba Lachema s.r.o.
Technical Product Management

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Brno, 7th April 2026

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