

- (2) Specificity
Obtained values of control serum samples with known amount of Ferritin fall within plus minus 10%.
- (3) Precision
Within-run CV of 5 repeated assays is 10% or less.
- (4) Measurable range
5 ~ 1000 ng/mL Ferritin (In the case of using the standard procedure) .
- (5) Correlation
Correlation coefficient: $r=0.999$ ($n=90$)
Regression equation: $y= 0.998x +5.647$
 $y= FER-F$, $x= Company A$

[Primary Standard]

In-house standard material.

[Warning and precautions]

- (1) Be careful about the handling of serum, etc., which involve the risk of infection with HBV, HCV, HIV, etc.
- (2) After opening the reagent, it is not recommended to store it for a long period of time. When the opened reagent is stored, cap the bottle and keep it at the specified temperature.
- (3) Before determining, reagents should be mixed thoroughly.
- (4) Do not use the reagents described above for any purpose other than described herein.
- (5) When concentration of a sample exceeds measurement range, dilute the sample with a saline solution.
- (6) Do not use mixed reagent from different lots.
- (7) Some specimens may not allow correct measurement because of unspecific turbidity that occurred during measurement. If measurement results are questionable, presence or absence of unspecific turbidity should be confirmed by the time course for the reaction or by a dilution test.
- (8) Use an optional Ferritin Calibrator for the calibration. It should be used according to the manufacturer's instructions.
- (9) Avoid contact with eyes and skin. If contacted, flush eyes or rinse skin with a large amount of water. If irritation, persists, consult a physician.
- (10) Sodium azide, which is contained in the reagent as an antiseptic, combines with heavy metals, such as copper and lead, and forms an azide. Heavy metal azides easily explode when given a shock in dryness. After drainage, they should be flushed with a sufficient amount of water so that they are cleared away from the water pipe.
- (11) Clinical diagnosis should be made synthetically based on clinical symptoms and examination results, etc.

[Package, Storage and Expiry]

Product	Package	Storage	Expiry
Reagent 1	60 mL	2-10degreeC	1 year
Reagent 2	20 mL	2-10degreeC	1 year
Calib. Set	1mL×6Levels	2-10degreeC	1 year

[Reference]

References

- 1) In-house data

ACTIF

3-27-3 Kyodo, Setagaya-ku, Tokyo 1560052 JAPAN
TEL&FAX: +81(0)3-6413-1860 www.actifcorp.com