

Total Iron Assay Kit

Total Iron Colormetric Assay Kit

CATALOG #
AAA22232

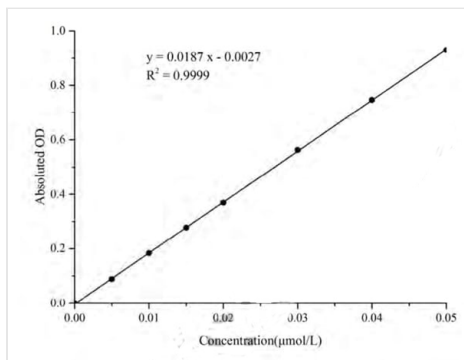
PRODUCT SYNONYMS

Total Iron; Total Iron Colormetric Assay Kit; Total Iron assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, animal and plant tissue samples
Detection Range	0.4-50 umol/L
Sensitivity	0.4 umol/L
Intra-assay Precision	The intra-assay CV is 1.3%.
Inter-assay Precision	The inter-assay CV is 1.5%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Total Iron assay kit

Principle of the Assay: Under the action of reductant, iron ions in samples can be reduced into ferrous ions (Fe²⁺). The latter then bind to probe and form complexes, which has a maximum absorption peak at 593 nm. The concentration of iron can be calculated by measuring the OD value at 593 nm indirectly.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/total-iron/22232>