

Iron Assay Kit

Iron Colorimetric Assay Kit

CATALOG #
AAA177020

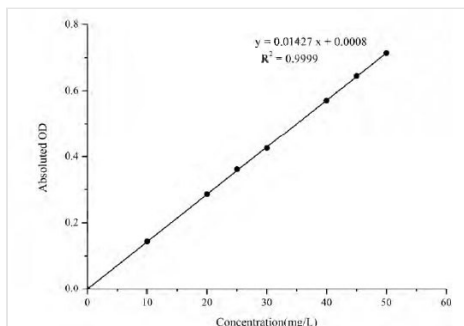
PRODUCT SYNONYMS

Iron; Iron Colorimetric Assay Kit; Iron assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, tissue and cell culture supernatant samples
Detection Range	0.29-50 mg/L
Sensitivity	0.08 mg/L
Intra-assay Precision	Intra-assay CV is 1.2%
Inter-assay Precision	Inter-assay CV is 2.8%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Iron assay kit

Principle of the Assay: Under the action of acidic solution and reductant, ferric ions can be separated from transferrin in serum, and reduced into ferrous ions (Fe²⁺). The latter then bind to bipyridine and form pink complexes. The concentration of iron can be calculated by measuring the OD value at 520 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/iron/177020>