

Cell Ferrous Iron Assay Kit

Cell Ferrous Iron Colorimetric Assay Kit

CATALOG #
AAA178092

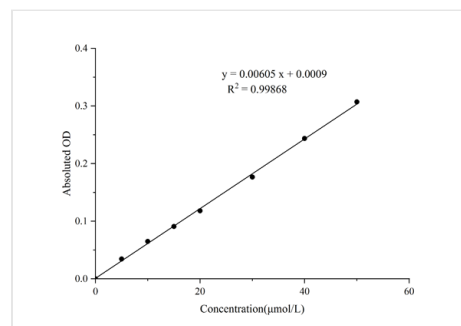
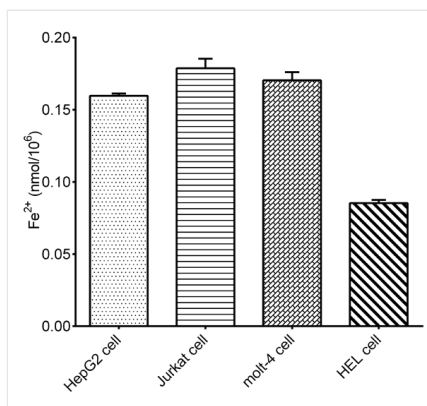
PRODUCT SYNONYMS

Cell Ferrous Iron; Cell Ferrous Iron Colorimetric Assay Kit; Cell Ferrous Iron assay kit

PRODUCT SPECIFICATIONS

Samples	Cell samples
Detection Range	0.4-50umol/L
Sensitivity	0.4umol/L
Intra-assay Precision	1.3
Inter-assay Precision	1.5
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for Cell Ferrous Iron assay kit

Principle of the Assay: Iron is one of the metal elements in organism and has important physiological functions. Ferrous ion is a key element in heme and hemoglobin and plays an important role in many biochemical reactions. Ferrous ions (Fe²⁺) in samples can bind with probe to form complexes, which has a maximum absorption peak at 593 nm. The concentration of ferrous iron can be calculated by measuring the OD value at 593 nm indirectly.

Product Categories/Family for Cell Ferrous Iron assay kit

Metabolism assay kit; Inorganic ions

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.