

Human ferritin, FE ELISA Kit | FE elisa kit

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CATALOG #
AAA80574

REACTIVITY
Human

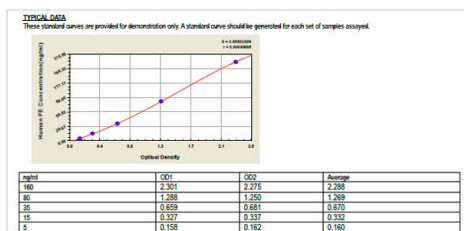
PRODUCT SYNONYMS

ferritin; FE; Human ferritin; FE ELISA Kit; FE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, tissue homogenates and Cell lysates
Detection Range	5 ng/ml-160 ng/ml
Sensitivity	2.5ng/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Tumor marker
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FE elisa kit

Introduction: Ferritin is a ubiquitous intracellular protein that stores iron and releases it in a controlled fashion. The protein is produced by almost all living organisms, including bacteria, algae and higher plants, and animals. In humans, it acts as a buffer against iron deficiency and iron overload.[3] Ferritin is a globular protein complex consisting of 24 protein subunits and is the primary intracellular iron-storage protein in both prokaryotes and eukaryotes, keeping iron in a soluble and non-toxic form. Ferritin that is not combined with iron is called apoferritin.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FE. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP) -conjugated antibody preparation specific for FE and incubated. Then substrate solutions are added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of FE in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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/human-elisa-kits/ferritin-fe/80574>