

Rat FE (Ferritin) ELISA Kit | FE elisa kit

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CATALOG #
AAA278407

REACTIVITY
Rat

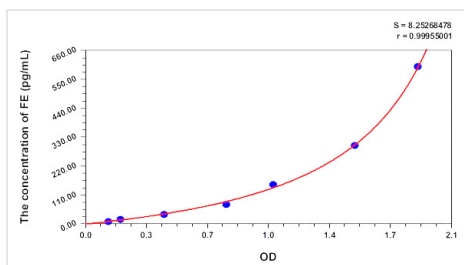
PRODUCT SYNONYMS

FE (Ferritin); Rat FE (Ferritin) ELISA Kit; Ferritin; FE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	4.1pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FE elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat FE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat FE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat FE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat FE in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for FE elisa kit

Metabolic pathway; Tumor immunity; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	84000579
NCBI GeneID	29292
NCBI Accession #	NP_071945.3

NCBI GenBank Nucleotide #	NM_022500.4
UniProt Accession #	P02793 ; Q6P7T1
Molecular Weight	20,749 Da
NCBI Official Full Name	ferritin light chain 1
NCBI Official Synonym Full Names	ferritin light chain 1
NCBI Official Symbol	Ftl1
NCBI Official Synonym Symbols	Ftl
NCBI Protein Information	ferritin light chain 1; ferritin L subunit 1; ferritin, light polypeptide
UniProt Protein Name	Ferritin light chain 1
UniProt Gene Name	Ftl1
UniProt Synonym Gene Names	Ftl

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://www.aaabiotech.com/rat-elisa-kits/fe-ferritin/278407>