

Mouse FTH (Ferritin, Heavy Polypeptide) ELISA Kit | FTH elisa kit

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CATALOG #
AAA278583

REACTIVITY
Mouse

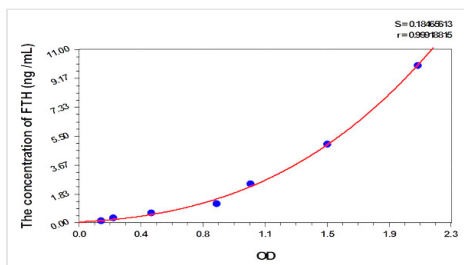
PRODUCT SYNONYMS

FTH (Ferritin; Heavy Polypeptide); Mouse FTH (Ferritin; Heavy Polypeptide) ELISA Kit; FTH1; FTHL6; PIG15; PLIF; Ferritin Heavy Chain; Apoferritin; Placenta Immunoregulatory Factor; Proliferation-Inducing Protein 15; Cell proliferation-inducing gene 15 protein; FTH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	7.81-500ng/mL
Sensitivity	2.12ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FTH 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 Mouse FTH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FTH. 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 Mouse FTH, 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 Mouse FTH in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for FTH elisa kit

[Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753912
NCBI GeneID	14319

NCBI Accession #	NP_034369.1
NCBI GenBank Nucleotide #	NM_010239.2
UniProt Accession #	P09528 ; Q3UI44
Molecular Weight	21,067 Da
NCBI Official Full Name	ferritin heavy chain
NCBI Official Synonym Full Names	ferritin heavy polypeptide 1
NCBI Official Symbol	Fth1
NCBI Official Synonym Symbols	FHC; Fth; HFT; MFH
NCBI Protein Information	ferritin heavy chain
UniProt Protein Name	Ferritin heavy chain
UniProt Gene Name	Fth1
UniProt Synonym Gene Names	Fth; Ferritin H subunit
UniProt Entry Name	FRIH_MOUSE

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/mouse-elisa-kits/fth-ferritin-heavy-polypeptide/278583>