

Human Ferritin, mitochondrial ELISA Kit | FTMT elisa kit

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CATALOG #
AAA101969

REACTIVITY
Human

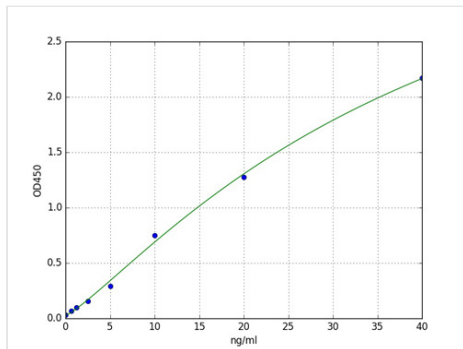
PRODUCT SYNONYMS

Ferritin; mitochondrial; Human Ferritin; mitochondrial ELISA Kit; FTMT/Ferritin; FTMT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	242
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a FTMT ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.008	0.089	0.154	0.315	0.582	0.924	1.711	2.253

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FTMT elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-FTMT antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-FTMT antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the FTMT amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FTMT can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

29126241

NCBI GeneID	94033
NCBI Accession #	NP_803431.1
NCBI GenBank Nucleotide #	NM_177478.1
Molecular Weight	27,538 Da
NCBI Official Full Name	ferritin, mitochondrial
NCBI Official Synonym Full Names	ferritin mitochondrial
NCBI Official Symbol	FTMT
NCBI Official Synonym Symbols	MTF
NCBI Protein Information	ferritin, mitochondrial
UniProt Protein Name	Ferritin, mitochondrial
UniProt Gene Name	FTMT
UniProt Entry Name	FTMT_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ftmt-human-elisa-kits/ferritin-mitochondrial/101969>