

Cat Ferritin light chain ELISA Kit | FTL elisa kit

Cat Ferritin light chain (FTL) ELISA Kit

CATALOG #
AAA55817

REACTIVITY
Cat

PRODUCT SYNONYMS

Ferritin light chain; Cat Ferritin light chain (FTL) ELISA Kit; MGC71996; ferritin L subunit|ferritin L-chain|ferritin light chain|ferritin light polypeptide-like 3; FTL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Specificity	This assay has high sensitivity and excellent specificity for detection of Cat FTL. No significant cross-reactivity or interference between Cat FTL and analogues was observed.
Sequence Length	175
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/mL - 40 ng/mL
Sensitivity	0.31 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for FTL elisa kit

Intended Uses: For the quantitative detection of Cat Ferritin light chain (FTL) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate FTL in Cat serum, plasma. An antibody specific for FTL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FTL present is bound by the immobilized antibody. After removing any unbound substances, a biotinconjugated antibody specific for FTL is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FTL bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114326410
NCBI GeneID	654515
NCBI Accession #	NP_001041615.1
NCBI GenBank Nucleotide #	NM_001048150.1
UniProt Accession #	Q2MHN1

Molecular Weight	20,103 Da
NCBI Official Full Name	ferritin light chain
NCBI Official Symbol	FTL
NCBI Protein Information	ferritin light chain
UniProt Protein Name	Ferritin light chain
UniProt Gene Name	FTL
UniProt Synonym Gene Names	Ferritin L subunit

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/ftl-cat-elisa-kits/ferritin-light-chain/55817>