

Mouse Cathepsin K ELISA Kit | Ctsk elisa kit

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CATALOG #
AAA191940

REACTIVITY
Mouse

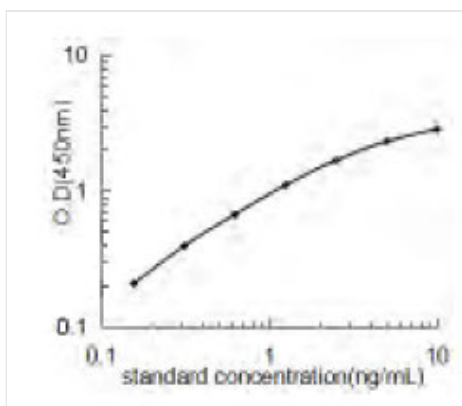
PRODUCT SYNONYMS

Cathepsin K; Mouse Cathepsin K ELISA Kit; Ctsk; 3.4.22.38; Ctsk elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Cathepsin K, Cath-K
Sequence Length	329
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156 ng/mL -10 ng/mL
Sensitivity	< 0.083 ng/mL
Intra-assay Precision	<=5.9%
Inter-assay Precision	<=9.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ctsk elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31982433
NCBI GeneID	13038
NCBI Accession #	NP_031828.2
NCBI GenBank Nucleotide #	NM_007802.4
UniProt Accession #	P55097; O88718
Molecular Weight	36,889 Da
NCBI Official Full Name	cathepsin K preproprotein
NCBI Official Synonym Full Names	cathepsin K
NCBI Official Symbol	Ctsk
NCBI Official Synonym Symbols	catK; Ms10q; MMS10-Q; AI323530
NCBI Protein Information	cathepsin K
UniProt Protein Name	Cathepsin K
UniProt Gene Name	Ctsk
UniProt Entry Name	CATK_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/ctsk-mouse-elisa-kits/cathepsin-k/191940>