

Mouse Cathepsin L1 ELISA Kit | Ctsl1 elisa kit

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CATALOG #
AAA23142

REACTIVITY
Mouse

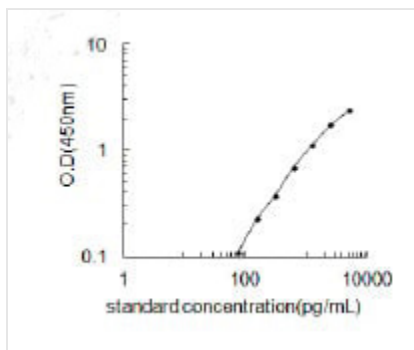
PRODUCT SYNONYMS

Cathepsin L1; Mouse Cathepsin L1 ELISA Kit; Major excreted protein; MEP; p39 cysteine proteinase; Ctsl1; Ctsl; 3.4.22.15; Ctsl1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Human Tryptophan 5-hydroxylase 1
Sequence Length	334
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.11 ng/mL
Intra-assay Precision	Intra-Assay CV: <=3.6%
Inter-assay Precision	Inter-Assay CV: <=6.5%
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 Ctsl1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753558
NCBI GeneID	13039
NCBI Accession #	NP_034114.1
NCBI GenBank Nucleotide #	NM_009984.4
UniProt Accession #	P06797; Q91UZ0
Molecular Weight	37,547 Da
NCBI Official Full Name	cathepsin L1 preproprotein
NCBI Official Synonym Full Names	cathepsin L
NCBI Official Symbol	Ctsl
NCBI Official Synonym Symbols	fs; MEP; nkt; CatL; Ctsl1; 1190035F06Rik
NCBI Protein Information	cathepsin L1
UniProt Protein Name	Cathepsin L1
UniProt Gene Name	Ctsl
UniProt Synonym Gene Names	Ctsl1; MEP
UniProt Entry Name	CATL1_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://stage.aaabiotech.com/ctsl1-mouse-elisa-kits/cathepsin-l1/23142>