

Human Cathepsin K ELISA Kit | CTSK elisa kit

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CATALOG #
AAA194294

REACTIVITY
Human

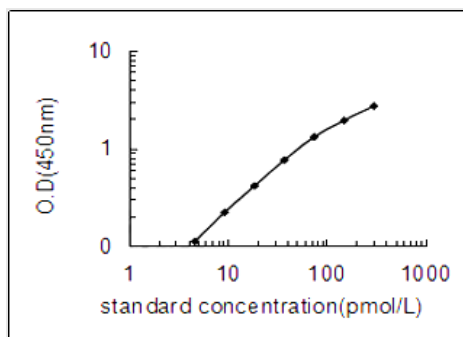
PRODUCT SYNONYMS

Cathepsin K; Human Cathepsin K ELISA Kit; Cathepsin O; Cathepsin O2; Cathepsin X; CTSK; CTSO; CTSO2; 3.4.22.38; CTSK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	329
Assay Type	Sandwich
Detection Range	4.69-300 pmol/L
Sensitivity	2.1pmol/L
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=7.2%
Recovery	103%
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	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 #	4503151
NCBI GeneID	1513
NCBI Accession #	NP_000387.1
NCBI GenBank Nucleotide #	NM_000396.3
UniProt Accession #	P43235; Q6FHS6
Molecular Weight	36,966 Da
NCBI Official Full Name	cathepsin K preproprotein
NCBI Official Synonym Full Names	cathepsin K
NCBI Official Symbol	CTSK
NCBI Official Synonym Symbols	CTSO; PKND; PYCD; CTSO2; CTSO1; CTSO2
NCBI Protein Information	cathepsin K
UniProt Protein Name	Cathepsin K
UniProt Gene Name	CTSK
UniProt Synonym Gene Names	CTSO; CTSO2
UniProt Entry Name	CATK_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.

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Online datasheet: <https://stage.aaabiotech.com/ctsk-human-elisa-kits/cathepsin-k/194294>