

Rat Cathepsin K ELISA Kit | Ctsk elisa kit

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CATALOG #
AAA190423

REACTIVITY
Rat

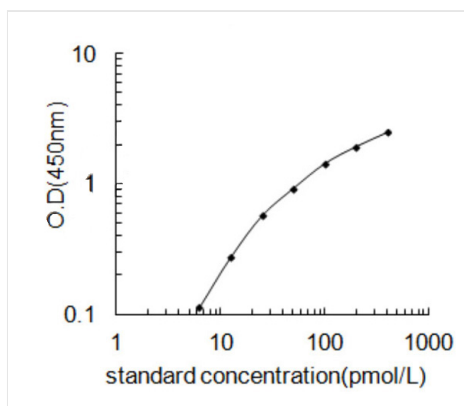
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Cathepsin K
Sequence Length	329
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	6.25-400 pmol/L
Sensitivity	< 3.125 pmol/L
Intra-assay Precision	<=5.2%
Inter-assay Precision	<=8.7%
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 #	13928758
NCBI GeneID	29175
NCBI Accession #	NP_113748.1
NCBI GenBank Nucleotide #	NM_031560.2
UniProt Accession #	O35186
Molecular Weight	36,791 Da
NCBI Official Full Name	cathepsin K
NCBI Official Synonym Full Names	cathepsin K
NCBI Official Symbol	Ctsk
NCBI Protein Information	cathepsin K
UniProt Protein Name	Cathepsin K
UniProt Gene Name	Ctsk
UniProt Entry Name	CATK_RAT

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.