

Rat Cathepsin K, cath-K ELISA Kit | cath-K elisa kit

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CATALOG #
AAA41539

REACTIVITY
Rat

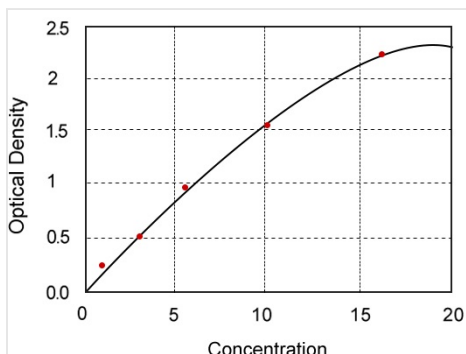
PRODUCT SYNONYMS

Cathepsin K; cath-K; Rat Cathepsin K; cath-K ELISA Kit; cath-K elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	329
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.03ng/ml - 15ng/ml
Sensitivity	0.016ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cath-K elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cathepsin K (also known as cath-K) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat cath-K antibody. cath-K present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat cath-K Antibody is added and binds to cath-K in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated cath-K antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat cath-K. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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; CTS02; CTSO1; CTSO2
NCBI Protein Information	cathepsin K
UniProt Protein Name	Cathepsin K
UniProt Gene Name	CTSK
UniProt Synonym Gene Names	CTSO; CTSO2

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/rat-elisa-kits/cathepsin-k-cath-k/41539>