

Mouse Cathepsin K (CTSK) ELISA Kit | CTSK elisa kit

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CATALOG #
AAA42251

REACTIVITY
Mouse

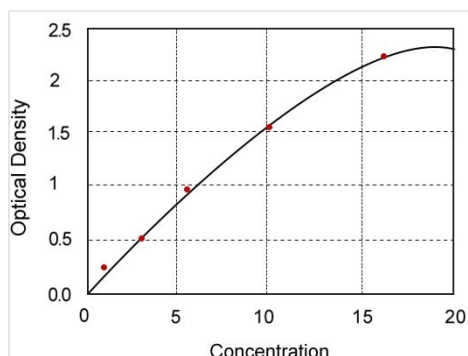
PRODUCT SYNONYMS

Cathepsin K (CTSK); Mouse Cathepsin K (CTSK) ELISA Kit; CTSK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	330
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.023ng/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 CTSK elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Cathepsin K (also known as CTSK) 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 Mouse CTSK antibody. CTSK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CTSK Antibody is added and binds to CTSK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTSK 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 Mouse CTSK. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523662
NCBI GeneID	397569
NCBI Accession #	NP_999467.1
NCBI GenBank Nucleotide #	NM_214302.1
UniProt Accession #	Q9GLE3
Molecular Weight	37,069 Da
NCBI Official Full Name	cathepsin K
NCBI Official Symbol	CTSK
NCBI Protein Information	cathepsin K
UniProt Protein Name	Cathepsin K
UniProt Gene Name	CTSK

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/mouse-elisa-kits/cathepsin-k-ctsk/42251>