

Bovine Cathepsin B ELISA Kit | CTSB elisa kit

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CATALOG #
AAA23313

REACTIVITY
Bovine

PRODUCT SYNONYMS

Cathepsin B; Bovine Cathepsin B ELISA Kit; BCSB; CTSB; 3.4.22.1; CTSB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine Cathepsin B
Sequence Length	335
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-assay Precision	<=6.1%
Inter-assay Precision	<=11.4%
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 CTSB 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 $\pm$ 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806671
NCBI GeneID	281105
NCBI Accession #	NP_776456.1
NCBI GenBank Nucleotide #	NM_174031.2

UniProt Accession #	P07688; Q3ZC03
Molecular Weight	36,661 Da
NCBI Official Full Name	cathepsin B
NCBI Official Symbol	CTSB
NCBI Official Synonym Symbols	CATB
NCBI Protein Information	cathepsin B
UniProt Protein Name	Cathepsin B
UniProt Gene Name	CTSB
UniProt Entry Name	CATB_BOVIN

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/ctsb-bovine-ovine-elisa-kits/cathepsin-b/23313>