

Chicken Cathepsin L1 ELISA Kit | CTSL1 elisa kit

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CATALOG #
AAA56123

REACTIVITY
Chicken

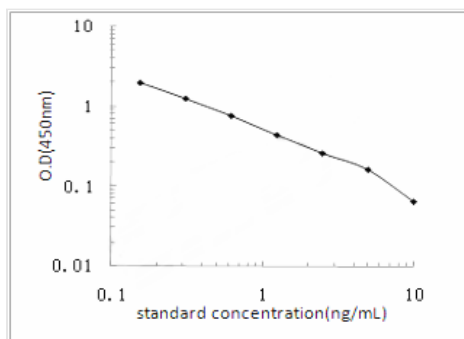
PRODUCT SYNONYMS

Cathepsin L1; Chicken Cathepsin L1 ELISA Kit; CTSL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay recognizes recombinant and natural Chicken Cathepsin L1. No significant cross-reactivity or interference was observed.
Sequence Length	333
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.15-10.0 ng/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of chicken Cathepsin L1 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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 CTSL1 elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cathepsin L1. During the reaction, Cathepsin L1 in the sample or standard competes with a fixed amount of biotin-labeled Cathepsin L1 for sites on a pre-coated Monoclonal antibody specific to Cathepsin L1. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 Cathepsin L1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21617827
NCBI GeneID	427466
UniProt Accession #	P09648
Molecular Weight	23,963 Da
NCBI Official Full Name	Cathepsin L1
NCBI Official Synonym Full Names	cathepsin L2
NCBI Official Symbol	CTSL2
NCBI Official Synonym Symbols	CTSL; CTSL1
NCBI Protein Information	cathepsin L1
UniProt Protein Name	Cathepsin L1
UniProt Gene Name	CTSL
UniProt Synonym Gene Names	CTSL1
UniProt Entry Name	CATL1_CHICK

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/ctsl1-chicken-elisa-kits/cathepsin-l1/56123>