

Rat CTSL (Cathepsin L) ELISA Kit | CTSL elisa kit

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CATALOG #
AAA278327

REACTIVITY
Rat

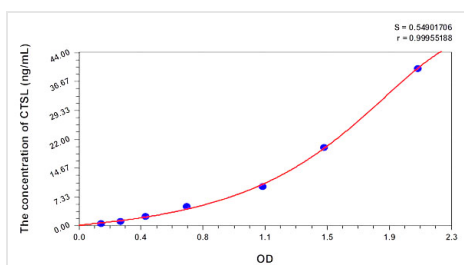
PRODUCT SYNONYMS

CTSL (Cathepsin L); Rat CTSL (Cathepsin L) ELISA Kit; CTSL1; CATL; CTS-L; MEP; Cathepsin L1; Major excreted protein; CTSL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	0.16-10ng/mL
Sensitivity	0.051ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSL elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat CTSL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CTSL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat CTSL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat CTSL in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CTSL elisa kit

[Tumor immunity](#); [Infection immunity](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978723
NCBI GeneID	25697
NCBI Accession #	NP_037288.1

NCBI GenBank Nucleotide #	NM_013156.2
UniProt Accession #	P07154 ; Q9QV07
Molecular Weight	37,660 Da
NCBI Official Full Name	cathepsin L1 preproprotein
NCBI Official Synonym Full Names	cathepsin L
NCBI Official Symbol	Ctsl
NCBI Official Synonym Symbols	CatL; CATHL; Ctsl1
NCBI Protein Information	cathepsin L1
UniProt Protein Name	Cathepsin L1
UniProt Gene Name	Ctsl
UniProt Synonym Gene Names	Ctsl1; CP-2; MEP
UniProt Entry Name	CATL1_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/ctsl-cathepsin-l/278327>