

Rat cathepsin L1 ELISA Kit | CTSL1 elisa kit

Rat Cathepsin L1, CTSL1 ELISA Kit

CATALOG #
AAA18186

REACTIVITY
Rat

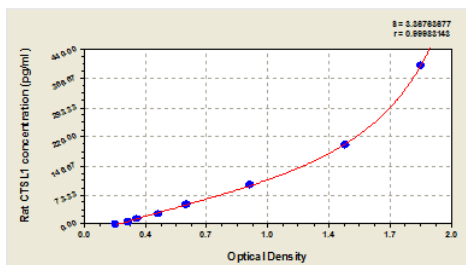
PRODUCT SYNONYMS

cathepsin L1; Rat Cathepsin L1; CTSL1 ELISA Kit; Rat Cathepsin L1 (CTSL1) ELISA kit; CATL; CTSL; FLJ31037; MEP; cathepsin L; major excreted protein; CTSL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of pig cTn-I. No significant cross-reactivity or interference between pig cTn-I and analogues was observed.
Sequence Length	334
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSL1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for cTn-I has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any cTn-I present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for cTn-I is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of cTn-I bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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; MEP; CP-2; cyclic protein 2; major excreted protein
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ctsl1-rat-elisa-kits/cathepsin-l1/18186>