

Human CTSV ELISA Kit | CTSV elisa kit

Human CTSV (Cathepsin V) ELISA Kit

CATALOG #
AAA165614

REACTIVITY
Human

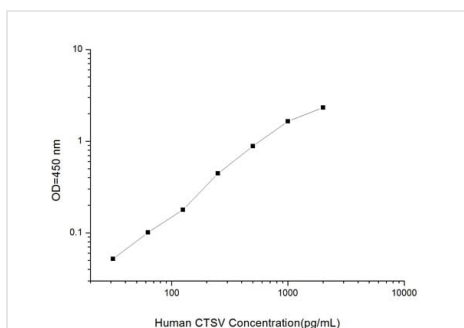
PRODUCT SYNONYMS

CTSV; Human CTSV (Cathepsin V) ELISA Kit; CTSV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human CTSV. No significant cross-reactivity or interference between Human CTSV and analogues was observed.
Sequence Length	334
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Human CTSV concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSV elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CTSV. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CTSV and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CTSV, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CTSV. You can calculate the concentration of CTSV in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23110960
NCBI GeneID	1515
NCBI Accession #	NP_001324.2
NCBI GenBank Nucleotide #	NM_001333.3
UniProt Accession #	O60911; O60233; Q2TB86; Q5T1U0
Molecular Weight	37,329 Da
NCBI Official Full Name	cathepsin L2 preproprotein
NCBI Official Synonym Full Names	cathepsin V
NCBI Official Symbol	CTSV
NCBI Official Synonym Symbols	CTSU; CATL2; CTSL2
NCBI Protein Information	cathepsin L2; cathepsin L2, preproprotein; cathepsin U
UniProt Protein Name	Cathepsin L2
UniProt Gene Name	CTSV
UniProt Synonym Gene Names	CATL2; CTSL2; CTSU
UniProt Entry Name	CATL2_HUMAN

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/human-elisa-kits/ctsv/165614>