

Human CTSH (Cathepsin H) ELISA Kit | CTSH elisa kit

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CATALOG #
AAA249707

REACTIVITY
Human

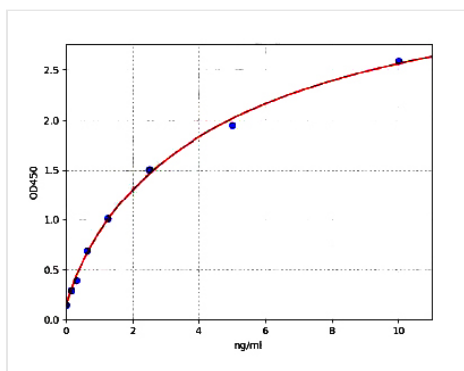
PRODUCT SYNONYMS

CTSH (Cathepsin H); Human CTSH (Cathepsin H) ELISA Kit; Pro-cathepsin H; Cathepsin H mini chain; Cathepsin H; Cathepsin H heavy chain; Cathepsin H light chain; CPSB; CTSH; CTSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CTSH. No significant cross-reactivity or interference between CTSH and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSH elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23110955
NCBI GeneID	1512
NCBI Accession #	NP_004381.2
NCBI GenBank Nucleotide #	NM_004390.3
UniProt Accession #	P09668; Q96NY6; Q9BUM7; B2RBK0
Molecular Weight	160,000
NCBI Official Full Name	pro-cathepsin H preproprotein
NCBI Official Synonym Full Names	cathepsin H
NCBI Official Symbol	CTSH
NCBI Official Synonym Symbols	CPSB; ACC-4; ACC-5; minichain
NCBI Protein Information	pro-cathepsin H; aleurain; cathepsin B3; cathepsin BA; N-benzoylarginine-beta-naphthylamide hydrolase
UniProt Protein Name	Pro-cathepsin H
UniProt Gene Name	CTSH
UniProt Synonym Gene Names	CPSB
UniProt Entry Name	CATH_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.