

Human cathepsin H ELISA Kit | CTSH elisa kit

Human Cathepsin H, CTSH ELISA Kit

CATALOG #
AAA15671

REACTIVITY
Human

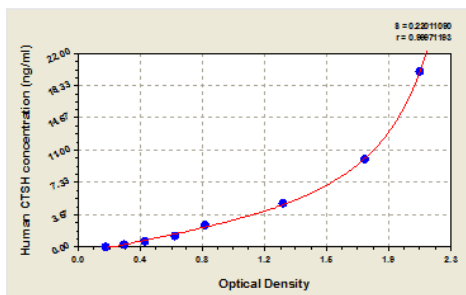
PRODUCT SYNONYMS

cathepsin H; Human Cathepsin H; CTSH ELISA Kit; Human cathepsin H (CTSH) ELISA kit; ACC-4; ACC-5; CPSB; DKFZp686B24257; MGC1519; minichain; N-benzoylarginine-beta-naphthylamide hydrolase; aleurain; cathepsin B3; cathepsin BA; CTSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CTSH. No significant cross-reactivity or interference between human CTSH and analogues was observed.
Sequence Length	335
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.312 ng/ml-20 ng/ml.
Sensitivity	0.078 ng/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 CTSH elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CTSH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTSH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTSH 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 CTSH 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 #	77735725
NCBI GeneID	510524
NCBI Accession #	NP_001029557.1
NCBI GenBank Nucleotide #	NM_001034385.2
UniProt Accession #	Q3T0I2
Molecular Weight	37,351 Da
NCBI Official Full Name	pro-cathepsin H
NCBI Official Synonym Full Names	cathepsin H
NCBI Official Symbol	CTSH
NCBI Protein Information	pro-cathepsin H
UniProt Protein Name	Pro-cathepsin H
UniProt Gene Name	CTSH
UniProt Entry Name	CATH_BOVIN

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://www.aaabiotech.com/ctsh-human-elisa-kits/cathepsin-h/15671>