

Mouse cathepsin S ELISA Kit | CTSS elisa kit

Mouse Cathepsin S, CTSS ELISA Kit

CATALOG #
AAA18054

REACTIVITY
Mouse

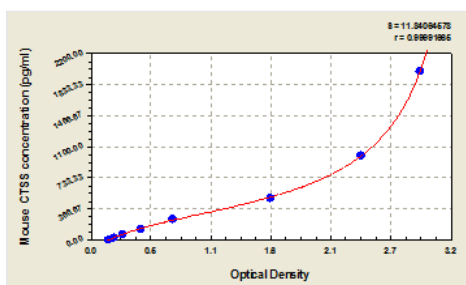
PRODUCT SYNONYMS

cathepsin S; Mouse Cathepsin S; CTSS ELISA Kit; Mouse Cathepsin S (CTSS) ELISA kit; MGC3886; ; CTSS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CTSS. No significant cross-reactivity or interference between mouse CTSS and analogues was observed.
Sequence Length	340
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 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 CTSS elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CTSS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTSS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTSS 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 CTSS bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	510025483
NCBI GeneID	13040
NCBI Accession #	NP_067256.4
NCBI GenBank Nucleotide #	NM_021281.3
UniProt Accession #	O70370; O54973; E9QK18
Molecular Weight	38,475 Da
NCBI Official Full Name	cathepsin S isoform 2 preproprotein
NCBI Official Synonym Full Names	cathepsin S
NCBI Official Symbol	Ctss
NCBI Protein Information	cathepsin S; Cat S
UniProt Protein Name	Cathepsin S
UniProt Gene Name	Ctss
UniProt Synonym Gene Names	Cats
UniProt Entry Name	CATS_MOUSE

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/ctss-mouse-elisa-kits/cathepsin-s/18054>