

Mouse Cathepsin G (CTSG) ELISA Kit | CTSG elisa kit

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CATALOG #
AAA121467

REACTIVITY
Mouse

PRODUCT SYNONYMS

Cathepsin G (CTSG); Mouse Cathepsin G (CTSG) ELISA Kit; CTSG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	255
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.106ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Cathepsin G (also known as CTSG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CTSG antibody. CTSG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CTSG Antibody is added and binds to CTSG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTSG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse CTSG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503149
NCBI GeneID	1511
NCBI Accession #	NP_001902.1
NCBI GenBank Nucleotide #	NM_001911.2
UniProt Accession #	P08311; Q6IBJ6; Q9UCA5; Q9UCU6
Molecular Weight	28,837 Da
NCBI Official Full Name	cathepsin G preproprotein
NCBI Official Synonym Full Names	cathepsin G
NCBI Official Symbol	CTSG
NCBI Official Synonym Symbols	CG; CATG
NCBI Protein Information	cathepsin G
UniProt Protein Name	Cathepsin G
UniProt Gene Name	CTSG
UniProt Synonym Gene Names	CG

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/mouse-elisa-kits/cathepsin-g-ctsg/121467>