

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

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CATALOG #
AAA278573

REACTIVITY
Mouse

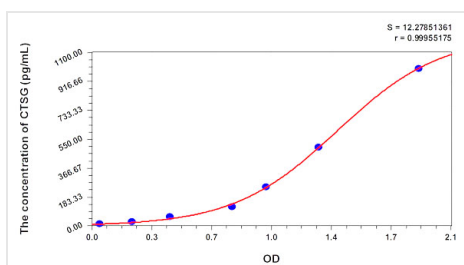
PRODUCT SYNONYMS

CTSG (Cathepsin G); Mouse CTSG (Cathepsin G) ELISA Kit; CG; CTS-G; CTSG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.21ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSG elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse CTSG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CTSG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse CTSG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse CTSG in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CTSG elisa kit

[Tumor immunity](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681083
NCBI GeneID	13035
NCBI Accession #	NP_031826.1

NCBI GenBank Nucleotide #	NM_007800.2
UniProt Accession #	P28293
Molecular Weight	29,096 Da
NCBI Official Full Name	cathepsin G preproprotein
NCBI Official Synonym Full Names	cathepsin G
NCBI Official Symbol	Ctsg
NCBI Official Synonym Symbols	VSP; CatG
NCBI Protein Information	cathepsin G
UniProt Protein Name	Cathepsin G
UniProt Gene Name	Ctsg
UniProt Synonym Gene Names	VSP
UniProt Entry Name	CATG_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://www.aaabiotech.com/mouse-elisa-kits/ctsg-cathepsin-g/278573>