

Mouse Collagenase 3 ELISA Kit | Mmp13 elisa kit

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CATALOG #
AAA193867

REACTIVITY
Mouse

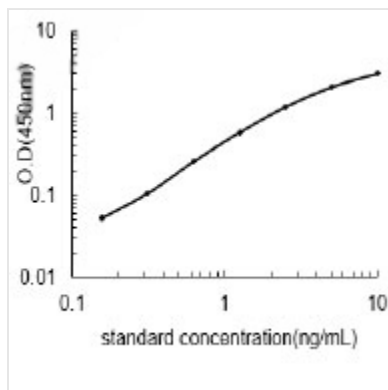
PRODUCT SYNONYMS

Collagenase 3; Mouse Collagenase 3 ELISA Kit; Matrix metalloproteinase-13; MMP-13; Mmp13; Mmp13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Collagenase 3
Sequence Length	472
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	<0.078 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.5%
Inter-assay Precision	Inter-Assay CV: <=8.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mmp13 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678896
NCBI GeneID	17386
NCBI Accession #	NP_032633.1
NCBI GenBank Nucleotide #	NM_008607.2
UniProt Accession #	P33435
Molecular Weight	54,182 Da
NCBI Official Full Name	collagenase 3 preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 13
NCBI Official Symbol	Mmp13
NCBI Official Synonym Symbols	Clg; Mmp1; MMP-13
NCBI Protein Information	collagenase 3
UniProt Protein Name	Collagenase 3
UniProt Gene Name	Mmp13
UniProt Synonym Gene Names	MMP-13
UniProt Entry Name	MMP13_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/mmp13-mouse-elisa-kits/collagenase-3/193867>