

Human Macrophage metalloelastase ELISA Kit | MMP12 elisa kit

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CATALOG #
AAA309975

REACTIVITY
Human

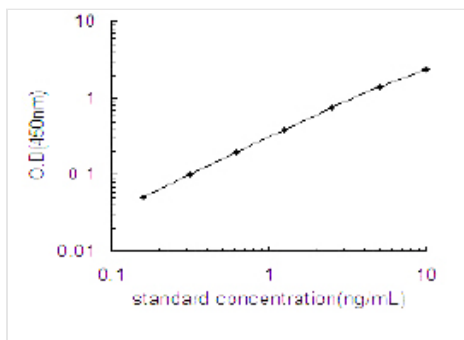
PRODUCT SYNONYMS

Macrophage metalloelastase; Human Macrophage metalloelastase ELISA Kit; MME; Macrophage elastase; ME; hME; Matrix metalloproteinase-12; MMP-12; MMP12; HME; 3.4.24.65; MMP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human MME. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Sensitivity	< 0.039 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP12 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human macrophage metalloelastase, MME concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MME. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MME and 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 MME, 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 MME in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73858572
NCBI GeneID	4321
NCBI Accession #	NP_002417.2
NCBI GenBank Nucleotide #	NM_002426.5
UniProt Accession #	P39900; Q2M1L9; B2R9X8; B7ZLF6
Molecular Weight	54,002 Da
NCBI Official Full Name	macrophage metalloelastase preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 12
NCBI Official Symbol	MMP12
NCBI Official Synonym Symbols	ME; HME; MME; MMP-12
NCBI Protein Information	macrophage metalloelastase
UniProt Protein Name	Macrophage metalloelastase
UniProt Gene Name	MMP12
UniProt Synonym Gene Names	HME; MME; ME; hME; MMP-12

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/mmp12-human-elisa-kits/macrophage-metalloelastase/309975>