

Mouse MMP12 (Matrix Metalloproteinase 12) ELISA Kit | MMP12 elisa kit

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CATALOG #
AAA278346

REACTIVITY
Mouse

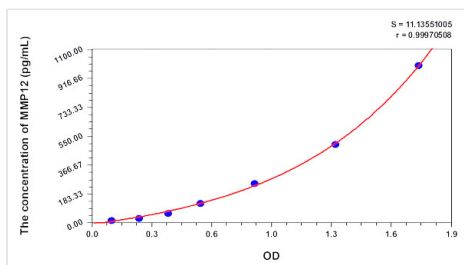
PRODUCT SYNONYMS

MMP12 (Matrix Metalloproteinase 12); Mouse MMP12 (Matrix Metalloproteinase 12) ELISA Kit; MME; HME; ME; Macrophage Metalloelastase; Macrophage Elastase; MMP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP12 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 MMP12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MMP12. 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 MMP12, 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 MMP12 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MMP12 elisa kit

[Enzyme & Kinase](#); [Tumor immunity](#); [Infection immunity](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	152031638
NCBI GeneID	17381

UniProt Accession #	P34960; Q3TB28; Q3TBV6; Q3TBV9; Q3TD61; Q3U1S8; Q3U1S9; Q3U2R8; Q3UBC5; Q4FJM7; Q8BJ92; Q8BJB3
Molecular Weight	54,971 Da
NCBI Official Full Name	Macrophage metalloelastase
NCBI Official Synonym Full Names	matrix metalloproteinase 12
NCBI Official Symbol	Mmp12
NCBI Official Synonym Symbols	Mmel; AV378681
NCBI Protein Information	macrophage metalloelastase; MME; MMP-12; macrophage elastase; macrophage-metalloelastase; matrix metalloproteinase 12; matrix metalloproteinase-12
UniProt Protein Name	Macrophage metalloelastase
UniProt Gene Name	Mmp12
UniProt Synonym Gene Names	Mme; Mmel; MME; MMP-12
UniProt Entry Name	MMP12_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/mmp12-matrix-metalloproteinase-12/278346>