

Mouse MMP14 (Matrix Metalloproteinase 14) ELISA Kit | MMP14 elisa kit

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CATALOG #
AAA278579

REACTIVITY
Mouse

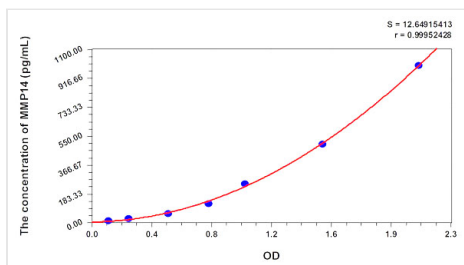
PRODUCT SYNONYMS

MMP14 (Matrix Metalloproteinase 14); Mouse MMP14 (Matrix Metalloproteinase 14) ELISA Kit; MMP-X1; MT1-MMP; MTMMP1; Membrane Inserted; Membrane-type matrix metalloproteinase 1; Membrane-type-1 matrix metalloproteinase; MMP14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.11ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP14 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 MMP14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MMP14. 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 MMP14, 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 MMP14 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MMP14 elisa kit

[Enzyme & Kinase](#); [Metabolic pathway](#); [Tumor immunity](#); [Infection immunity](#); [Cardiovascular biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528637
NCBI GeneID	17387

NCBI Accession #	NP_032634.3
NCBI GenBank Nucleotide #	NM_008608.4
UniProt Accession #	P53690 ; O08645 ; O35369 ; Q8BTX2
Molecular Weight	65,919 Da
NCBI Official Full Name	matrix metalloproteinase-14 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 14 (membrane-inserted)
NCBI Official Symbol	Mmp14
NCBI Official Synonym Symbols	sabp; MMP-X1; MT1-MMP; AI325305; MT-MMP-1
NCBI Protein Information	matrix metalloproteinase-14
UniProt Protein Name	Matrix metalloproteinase-14
UniProt Gene Name	Mmp14
UniProt Synonym Gene Names	Mtmmp; MMP-14; MT-MMP 1; MTMMP1; MT1-MMP; MT1MMP

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/mmp14-matrix-metalloproteinase-14/278579>