

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

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CATALOG # AAA278763	REACTIVITY Rat
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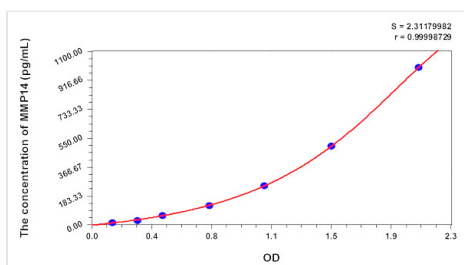
PRODUCT SYNONYMS

MMP14 (Matrix Metalloproteinase 14); Rat 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	Rat
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.12ng/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 Rat MMP14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat 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 #	13591995
NCBI GeneID	81707

NCBI Accession #	NP_112318.1
NCBI GenBank Nucleotide #	NM_031056.1
UniProt Accession #	Q10739 ; Q6IN06
Molecular Weight	66,080 Da
NCBI Official Full Name	matrix metalloproteinase-14
NCBI Official Synonym Full Names	matrix metalloproteinase 14
NCBI Official Symbol	Mmp14
NCBI Official Synonym Symbols	Mt1-mmp
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; MT-MMP; 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://www.aaabiotech.com/rat-elisa-kits/mmp14-matrix-metalloproteinase-14/278763>