

Rat Matrix metalloproteinase-14 ELISA Kit | Mmp14 elisa kit

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CATALOG #
AAA191467

REACTIVITY
Rat

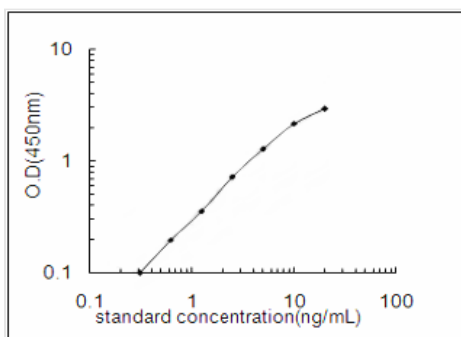
PRODUCT SYNONYMS

Matrix metalloproteinase-14; Rat Matrix metalloproteinase-14 ELISA Kit; MMP-14; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT-MMP; MT1-MMP; MT1MMP; Mmp14; Mmp14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat MMP-14. No significant cross-reactivity or interference was observed.
Sequence Length	582
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.162 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=7.7%
Recovery	87%
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 Mmp14 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat MMP-14 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 MMP-14. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MMP-14 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 MMP-14, 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 MMP-14 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 #	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
UniProt Entry Name	MMP14_RAT

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/mmp14-rat-elisa-kits/matrix-metalloproteinase-14/191467>