

Mouse Matrix metalloproteinase-14, MMP14 ELISA Kit | MMP14 elisa kit

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CATALOG #
AAA123391

REACTIVITY
Mouse

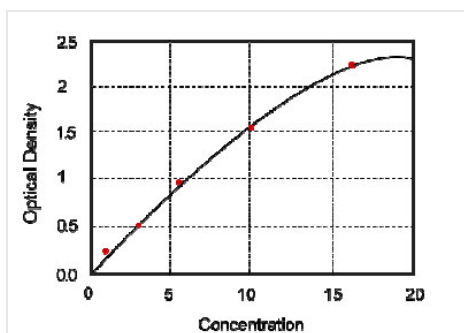
PRODUCT SYNONYMS

Matrix metalloproteinase-14; MMP14; Mouse Matrix metalloproteinase-14; MMP14 ELISA Kit; MMP14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	582
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-20ng/mL
Sensitivity	0.022ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP14 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Matrix metalloproteinase-14 (also known as MMP14) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse MMP14 antibody. MMP14 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse MMP14 Antibody is added and binds to MMP14 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP14 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse MMP14. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130486970
NCBI GeneID	100009598
NCBI GenBank Nucleotide #	NP_001076262.1
UniProt Accession #	Q95220
NCBI Official Full Name	matrix metalloproteinase-14
NCBI Official Symbol	MMP14
NCBI Official Synonym Symbols	MMP1
NCBI Protein Information	matrix metalloproteinase-14; LOW QUALITY PROTEIN: matrix metalloproteinase-14
UniProt Protein Name	Matrix metalloproteinase-14
UniProt Gene Name	MMP14
UniProt Synonym Gene Names	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/matrix-metalloproteinase-14-mmp14/123391>