

Mouse Matrix Metalloproteinase 24 ELISA Kit | MMP-24 elisa kit

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CATALOG #
AAA98392

REACTIVITY
Mouse

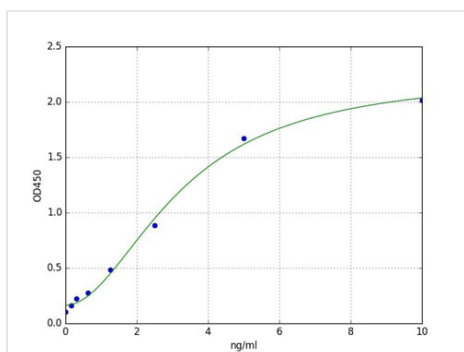
PRODUCT SYNONYMS

Matrix Metalloproteinase 24; Mouse Matrix Metalloproteinase 24 ELISA Kit; MMP-24 (Matrix Metalloproteinase 24)/MT5-MMP/matrix metalloproteinase 24 (membrane-inserted)/matrix metalloproteinase-24/Membrane-type matrix metalloproteinase 5; MMP-24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	645
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Mouse MMP-24 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.002	0.076	0.134	0.282	0.505	0.871	1.468	1.946

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-24 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse MMP-24 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse MMP- 24 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse MMP-24 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse MMP-24 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729929
NCBI GeneID	10893
NCBI Accession #	NP_006681.1
NCBI GenBank Nucleotide #	NM_006690.3
Molecular Weight	73,231 Da
NCBI Official Full Name	matrix metalloproteinase-24 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 24
NCBI Official Symbol	MMP24
NCBI Official Synonym Symbols	MMP25; MMP-24; MT5MMP; MTMMP5; MT-MMP5; MT5-MMP; MT-MMP 5
NCBI Protein Information	matrix metalloproteinase-24
UniProt Protein Name	Matrix metalloproteinase-24
UniProt Gene Name	MMP24
UniProt Synonym Gene Names	MT5MMP; MMP-24; MT-MMP 5; MTMMP5; MT5-MMP; MT5MMP
UniProt Entry Name	MMP24_HUMAN

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/mmp-24-mouse-elisa-kits/matrix-metalloproteinase-24/98392>