

Human Matrix metalloproteinase-16 ELISA Kit | MMP16 elisa kit

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CATALOG #
AAA99675

REACTIVITY
Human

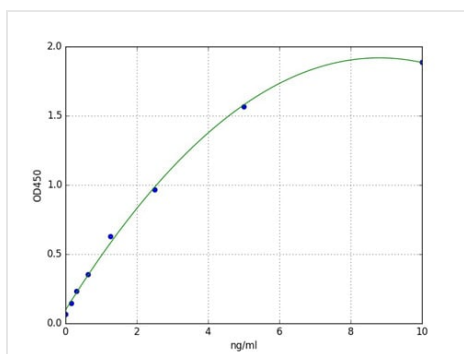
PRODUCT SYNONYMS

Matrix metalloproteinase-16; Human Matrix metalloproteinase-16 ELISA Kit; MMP16/Matrix metalloproteinase-16/MMP-16/Membrane-type-3 matrix metalloproteinase/MT3-MMP/MT3MMP/MMP-X2/Membrane-type matrix metalloproteinase 3/MT-MMP 3/MTMMP3/MMPX2/MT-MMP2; MMP16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	607
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)

Typical Data & Standard Curve
Results of a typical standard run of a Human MMP16 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	0.042	0.280	0.490	0.833	1.251	1.779	2.059	2.172

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP16 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MMP16 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MMP16 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. HRP-Streptavidin 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 Human MMP16 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MMP16 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027802
NCBI GeneID	4325
NCBI Accession #	NP_005932.2
NCBI GenBank Nucleotide #	NM_005941.4
Molecular Weight	52,515 Da
NCBI Official Full Name	matrix metalloproteinase-16
NCBI Official Synonym Full Names	matrix metalloproteinase 16
NCBI Official Symbol	MMP16
NCBI Official Synonym Symbols	MMP-X2; C8orf57; MT-MMP2; MT-MMP3; MT3-MMP
NCBI Protein Information	matrix metalloproteinase-16
UniProt Protein Name	Matrix metalloproteinase-16
UniProt Gene Name	MMP16
UniProt Synonym Gene Names	MMPX2; MMP-16; MT-MMP 3; MTMMP3; MT3-MMP; MT3MMP
UniProt Entry Name	MMP16_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/mmp16-human-elisa-kits/matrix-metalloproteinase-16/99675>