

Human Matrix metalloproteinase-17 ELISA Kit | MMP17 elisa kit

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CATALOG #
AAA100046

REACTIVITY
Human

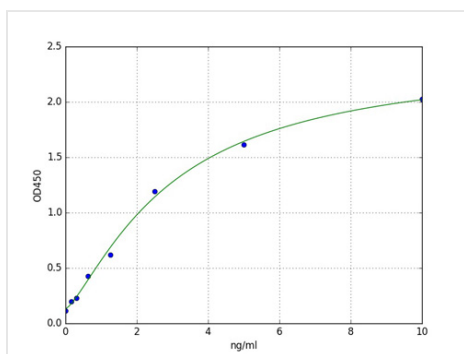
PRODUCT SYNONYMS

Matrix metalloproteinase-17; Human Matrix metalloproteinase-17 ELISA Kit; MMP-17/MMP17/MT4-MMP/matrix metalloproteinase 17 (membrane-inserted)/matrix metalloproteinase-17/membrane-type matrix metalloproteinase 4/membrane-type-4 matrix metalloproteinase/MT4MMP/MT-MMP 4/MTMMP4; MMP17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	603
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 human MMP-17 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	0.045	0.132	0.295	0.447	0.833	1.165	1.860	2.674

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP17 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human MMP-17 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human MMP-17 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 MMP-17 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human MMP-17 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112382270
NCBI GeneID	4326
NCBI Accession #	NP_057239.4
NCBI GenBank Nucleotide #	NM_016155.5
Molecular Weight	57,938 Da
NCBI Official Full Name	matrix metalloproteinase-17 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 17
NCBI Official Symbol	MMP17
NCBI Official Synonym Symbols	MMP-17; MT4MMP; MTMMP4; MT4-MMP
NCBI Protein Information	matrix metalloproteinase-17
UniProt Protein Name	Matrix metalloproteinase-17
UniProt Gene Name	MMP17
UniProt Synonym Gene Names	MT4MMP; MMP-17; MT-MMP 4; MTMMP4; MT4-MMP; MT4MMP
UniProt Entry Name	MMP17_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://www.aaabiotech.com/mmp17-human-elisa-kits/matrix-metalloproteinase-17/100046>