

Mouse Matrix Metalloproteinase 8 ELISA Kit | MMP-8 elisa kit

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CATALOG #
AAA97751

REACTIVITY
Mouse

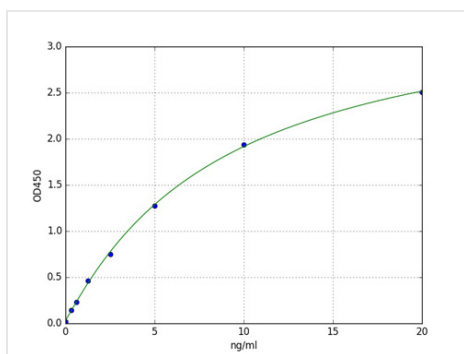
PRODUCT SYNONYMS

Matrix Metalloproteinase 8; Mouse Matrix Metalloproteinase 8 ELISA Kit; MMP-8 (Matrix Metalloproteinase 8)/Collagenase 2/CLG1HNC/neutrophil collagenase/PMNL collagenase/PMNL-CL; MMP-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	467
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 Mouse MMP-8 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.069	0.144	0.174	0.276	0.462	0.827	1.487	2.034

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse MMP-8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse MMP-8 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 Mouse MMP-8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse MMP-8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71648770
NCBI GeneID	4317
Molecular Weight	53,412 Da
NCBI Official Full Name	matrix metalloproteinase 8 (neutrophil collagenase)
NCBI Official Synonym Full Names	matrix metalloproteinase 8
NCBI Official Symbol	MMP8
NCBI Official Synonym Symbols	HNC; CLG1; MMP-8; PMNL-CL
NCBI Protein Information	neutrophil collagenase
UniProt Protein Name	Neutrophil collagenase
UniProt Gene Name	MMP8
UniProt Synonym Gene Names	CLG1; MMP-8; PMNL-CL
UniProt Entry Name	MMP8_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-8-mouse-elisa-kits/matrix-metalloproteinase-8/97751>