

Human Metalloproteinase 1 (MMP-1) ELISA Kit | MMP-1 elisa kit

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CATALOG #
AAA53667

REACTIVITY
Human

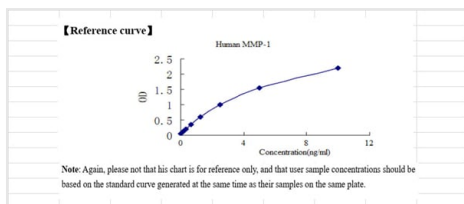
PRODUCT SYNONYMS

Metalloproteinase 1 (MMP-1); Human Metalloproteinase 1 (MMP-1) ELISA kit; MMP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	512
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human MMP-1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386768590
NCBI GeneID	37949

NCBI Accession #	NP_001246499.1
NCBI GenBank Nucleotide #	NM_001259570.2
Molecular Weight	64,670 Da
NCBI Official Full Name	matrix metalloproteinase 1, isoform L
NCBI Official Synonym Full Names	Matrix metalloproteinase 1
NCBI Official Symbol	Mmp1
NCBI Official Synonym Symbols	CG4859; dm1-MMP; Dm1-MMP; DmelCG4859; dmmp1; dMMP1; l(2)k04809; Mmp 1; MMP-1; mmp1; MMP1;
NCBI Protein Information	CG4859 gene product from transcript CG4859-RI; CG4859-PC; CG4859-PD; CG4859-PE; CG4859-PF; CG4859-PG; CG4859-PH; CG4859-PI; CG4859-PJ; CG4859-PK; CG4859-PL; Mmp1-PC; Mmp1-PD; Mmp1-PE; Mmp1-PF; Mmp1-PG; Mmp1-PH; Mmp1-PI; Mmp1-PJ; Mmp1-PK; Mmp1-PL; matrix metalloprotease; matrix metalloprotease 1; matrix metalloproteinase 1; matrix metalloproteinase-1; matrix metalloproteinase1
UniProt Protein Name	Matrix metalloproteinase 1, isoform C
UniProt Gene Name	Mmp1
UniProt Synonym Gene Names	CG4859; Dmel_CG4859
UniProt Entry Name	Q9W122_DROME

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/human-elisa-kits/metalloproteinase-1-mmp-1/53667>