

Human Matrix metalloproteinase 1, MMP-1 ELISA Kit | MMP-1 elisa kit

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CATALOG #
AAA41771

REACTIVITY
Human

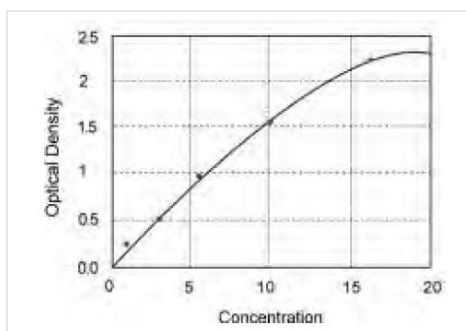
PRODUCT SYNONYMS

Matrix metalloproteinase 1; MMP-1; Human Matrix metalloproteinase 1; MMP-1 ELISA Kit; MMP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	512
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-70ng/ml
Sensitivity	0.01ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MMP-1 antibody. MMP-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MMP-1 Antibody is added and binds to MMP-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human MMP-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Matrix metalloproteinase 1 (also known as MMP-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386768590
NCBI GeneID	37949
NCBI Accession #	NP_001246499.1
NCBI GenBank Nucleotide #	NM_001259570.2
UniProt Accession #	Q9W122; Q8MT35
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; MMP1
NCBI Protein Information	matrix metalloproteinase 1
UniProt Protein Name	Matrix metalloproteinase
UniProt Gene Name	Mmp1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/matrix-metalloproteinase-1-mmp-1/41771>