

Human Matrix metalloproteinase 10, MMP-10 ELISA Kit | MMP-10 elisa kit

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CATALOG #
AAA42058

REACTIVITY
Human

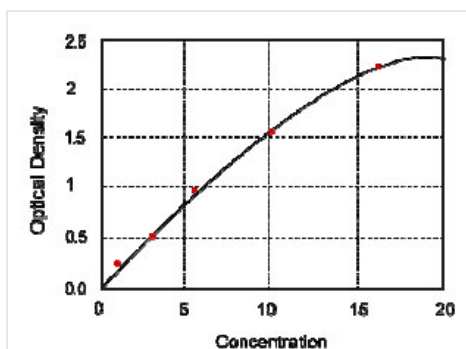
PRODUCT SYNONYMS

Matrix metalloproteinase 10; MMP-10; Human Matrix metalloproteinase 10; MMP-10 ELISA Kit; MMP-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	476
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.06ng/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-10 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Matrix Metalloproteinase 10 (also known as MMP-10) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MMP-10 antibody. MMP-10 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MMP-10 Antibody is added and binds to MMP-10 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP-10 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-10. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62896761
NCBI GeneID	4319
Molecular Weight	54,151 Da
NCBI Official Full Name	matrix metalloproteinase 10 preproprotein variant, partial
NCBI Official Synonym Full Names	matrix metalloproteinase 10
NCBI Official Symbol	MMP10
NCBI Official Synonym Symbols	SL-2; STMY2
NCBI Protein Information	stromelysin-2
UniProt Protein Name	Stromelysin-2
UniProt Gene Name	MMP10
UniProt Synonym Gene Names	STMY2; SL-2; MMP-10

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/matrix-metalloproteinase-10-mmp-10/42058>