

Human Matrix metalloproteinase 3, MMP-3 ELISA Kit | MMP-3 elisa kit

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CATALOG #
AAA41651

REACTIVITY
Human

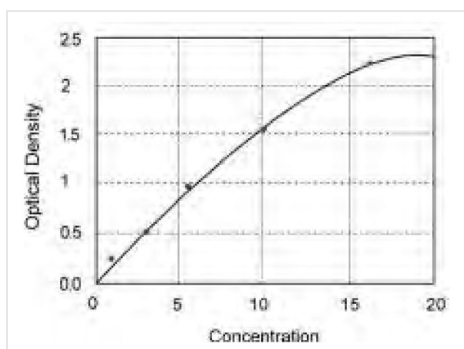
PRODUCT SYNONYMS

Matrix metalloproteinase 3; MMP-3; Human Matrix metalloproteinase 3; MMP-3 ELISA Kit; MMP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	145
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-10ng/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-3 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MMP-3 antibody. MMP-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MMP-3 Antibody is added and binds to MMP-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP-3 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-3. 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 3 (also known as MMP-3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8176609
NCBI GeneID	281309
Molecular Weight	16,673 Da
NCBI Official Full Name	MMP-3, partial
NCBI Official Symbol	MMP3
NCBI Protein Information	stromelysin-1
UniProt Protein Name	MMP-3
UniProt Gene Name	bmmp-3

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/human-elisa-kits/matrix-metalloproteinase-3-mmp-3/41651>