

Human MMP3 (Matrix Metalloproteinase 3) ELISA Kit | MMP3 elisa kit

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CATALOG #
AAA278052

REACTIVITY
Human

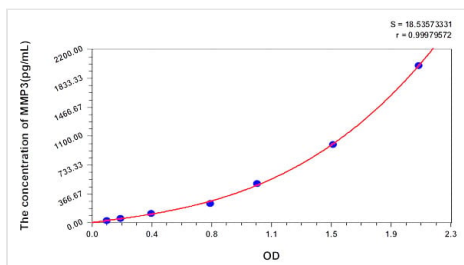
PRODUCT SYNONYMS

MMP3 (Matrix Metalloproteinase 3); Human MMP3 (Matrix Metalloproteinase 3) ELISA Kit; SL1; STMY; STMY1; STR1; Progelatinase; Stromelysin 1; Transin-1; MMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.11ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP3 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MMP3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MMP3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human MMP3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human MMP3 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MMP3 elisa kit

[Enzyme & Kinase](#); [Tumor immunity](#); [Infection immunity](#); [Cardiovascular biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505217
NCBI GeneID	4314

NCBI Accession #	NP_002413.1
NCBI GenBank Nucleotide #	NM_002422.3
UniProt Accession #	P08254; Q3B7S0; Q6GRF8; B2R8B8
Molecular Weight	53,977 Da
NCBI Official Full Name	stromelysin-1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 3 (stromelysin 1, progelatinase)
NCBI Official Symbol	MMP3
NCBI Official Synonym Symbols	SL-1; STMY; STR1; CHDS6; MMP-3; STMY1
NCBI Protein Information	stromelysin-1; transin-1; proteoglycanase; matrix metalloproteinase-3; matrix metalloproteinase 3 (stromelysin 1, progelatinase)
UniProt Protein Name	Stromelysin-1
UniProt Gene Name	MMP3
UniProt Synonym Gene Names	STMY1; SL-1; MMP-3
UniProt Entry Name	MMP3_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://www.aaabiotech.com/human-elisa-kits/mmp3-matrix-metalloproteinase-3/278052>