

Mouse matrix metalloproteinase 3 (stromelysin 1, progelatinase) ELISA Kit | MMP3 elisa kit

Mouse matrix metalloproteinase 3, MMP-3 ELISA Kit

CATALOG #
AAA80075

REACTIVITY
Mouse

PRODUCT SYNONYMS

matrix metalloproteinase 3 (stromelysin 1; progelatinase); Mouse matrix metalloproteinase 3; MMP-3 ELISA Kit; MMP-3 ELISA kit; CHDS6; MGC126102; MGC126103; MGC126104; MMP-3; SL-1; STMY; STMY1; STR1; matrix metalloproteinase 3; matrix metalloproteinase 3 (stromelysin 1; progelatinase) ; proteoglycanase; transin-1; MMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse MMP3. No significant cross-reactivity or interference between Mouse MMP3 and analogues was observed.
Sequence Length	479
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Developmental Protein
Protein Biological Process 3	Collagen degradation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP-3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MMP-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754714
NCBI GeneID	17392
NCBI Accession #	NP_034939.1
NCBI GenBank Nucleotide #	NM_010809.1
UniProt Accession #	P28862
Molecular Weight	53,845 Da
NCBI Official Full Name	stromelysin-1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 3
NCBI Official Symbol	Mmp3
NCBI Official Synonym Symbols	SLN1; Str1; SLN-1; STR-1; Stry1
NCBI Protein Information	stromelysin-1; SL-1; EMS-2; MMP-3; transin-1; progelatinase; stromelysin 1; matrix metalloproteinase 3; matrix metalloproteinase-3
UniProt Protein Name	Stromelysin-1
UniProt Gene Name	Mmp3
UniProt Synonym Gene Names	SL-1; MMP-3
UniProt Entry Name	MMP3_MOUSE

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/mmp3-mouse-elisa-kits/matrix-metalloproteinase-3-stromelysin-1-progelatinase/80075>