

Mouse matrix metalloproteinase 10 (stromelysin 2) ELISA Kit | MMP10 elisa kit

Mouse matrix metalloproteinase 10, MMP-10 ELISA Kit

CATALOG #
AAA80467

REACTIVITY
Mouse

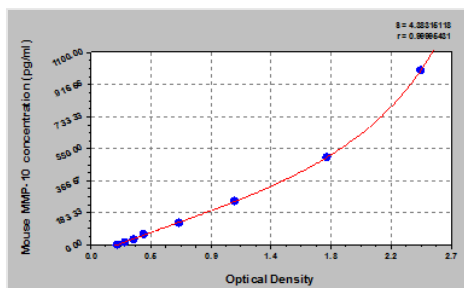
PRODUCT SYNONYMS

matrix metalloproteinase 10 (stromelysin 2); Mouse matrix metalloproteinase 10; MMP-10 ELISA Kit; MMP-10 ELISA kit; SL-2; STMY2; matrix metalloprotease 10; matrix metalloproteinase 10; matrix metalloproteinase 10 (stromelysin 2) ; stromelysin 2; transin 2; MMP10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MMP-10. No significant cross-reactivity or interference between mouse MMP-10 and analogues was observed.
Sequence Length	476
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml.
Sensitivity	3.9 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 MMP10 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP-10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP-10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP-10 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-10 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 #	9506899
NCBI GeneID	17384
NCBI Accession #	NP_062344.1
NCBI GenBank Nucleotide #	NM_019471.3
UniProt Accession #	O55123
Molecular Weight	53,911 Da
NCBI Official Full Name	stromelysin-2
NCBI Official Synonym Full Names	matrix metalloproteinase 10
NCBI Official Symbol	Mmp10
NCBI Official Synonym Symbols	SL-2; MMP-10; AV377895
NCBI Protein Information	stromelysin-2; transin-2; matrix metalloproteinase 10
UniProt Protein Name	Stromelysin-2
UniProt Gene Name	Mmp10
UniProt Synonym Gene Names	SL-2; MMP-10
UniProt Entry Name	MMP10_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/mmp10-mouse-elisa-kits/matrix-metalloproteinase-10-stromelysin-2/80467>