

Mouse matrix metalloproteinase 7 (matrilysin, uterine) ELISA Kit | MMP7 elisa kit

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CATALOG #
AAA15210

REACTIVITY
Mouse

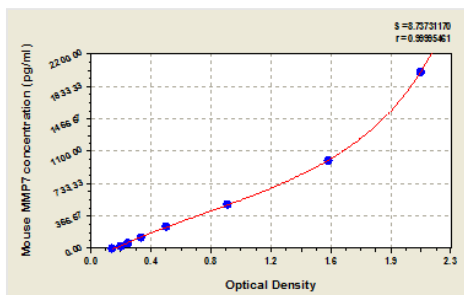
PRODUCT SYNONYMS

matrix metalloproteinase 7 (matrilysin; uterine); Mouse matrix metalloproteinase 7 (matrilysin; MMP7 ELISA Kit; uterine) (MMP7) ELISA kit; MMP-7; MPSL1; PUMP-1; matrin; matrix metalloproteinase 7; matrix metalloproteinase 7 (matrilysin; uterine) ; uterine matrilysin; MMP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MMP7. No significant cross-reactivity or interference between mouse MMP7 and analogues was observed.
Sequence Length	264
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 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 MMP7 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP7 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 MMP7 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 #	1705981
NCBI GeneID	17393
UniProt Accession #	Q10738
Molecular Weight	29,755 Da
NCBI Official Full Name	Matrilysin
NCBI Official Synonym Full Names	matrix metalloproteinase 7
NCBI Official Symbol	Mmp7
NCBI Official Synonym Symbols	MAT
NCBI Protein Information	matrilysin; MMP-7; matrin; pump-1 protease; matrilysin, uterine; uterine metalloproteinase; matrix metalloproteinase 7; matrix metalloproteinase-7
UniProt Protein Name	Matrilysin
UniProt Gene Name	Mmp7
UniProt Synonym Gene Names	MMP-7
UniProt Entry Name	MMP7_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/mmp7-mouse-elisa-kits/matrix-metalloproteinase-7-matrilysin-uterine/15210>