

Mouse matrix metalloproteinase 1, MMP-1 ELISA Kit | MMP-1 elisa kit

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CATALOG # AAA15564	REACTIVITY Mouse
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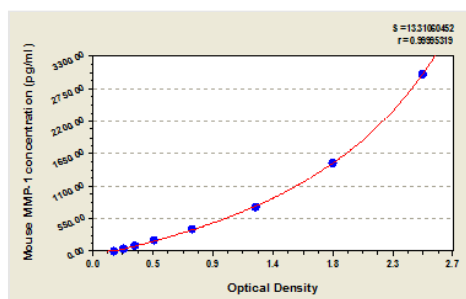
PRODUCT SYNONYMS

matrix metalloproteinase 1; MMP-1; Mouse matrix metalloproteinase 1; MMP-1 ELISA Kit; MMP-1 ELISA kit; MMP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MMP-1. No significant cross-reactivity or interference between mouse MMP-1 and analogues was observed.
Sequence Length	550
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	47 pg/ml-3000 pg/ml
Sensitivity	< 11.75 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 MMP-1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP-1 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-1 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 #	255958234
NCBI GeneID	657261
NCBI Accession #	NP_001157647.1
NCBI GenBank Nucleotide #	NM_001164175.1
NCBI Official Full Name	matrix metalloproteinase 1 isoform 2
NCBI Official Symbol	Mmp-1
NCBI Official Synonym Symbols	Mmp1
NCBI Protein Information	matrix metalloproteinase 1; GLEAN_14266

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/mouse-elisa-kits/matrix-metalloproteinase-1-mmp-1/15564>