

Rat Matrix metalloproteinase-24 ELISA Kit | Mmp24 elisa kit

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CATALOG #
AAA56536

REACTIVITY
Rat

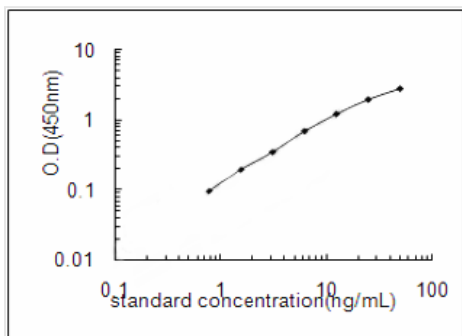
PRODUCT SYNONYMS

Matrix metalloproteinase-24; Rat Matrix metalloproteinase-24 ELISA Kit; Mmp24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat MMP-24. No significant cross-reactivity or interference was observed.
Sequence Length	645
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.434 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=10.2%
Recovery	104%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mmp24 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP-24. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MMP-24 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain MMP-24, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MMP-24 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929064
NCBI GeneID	83513
NCBI Accession #	NP_113945.1
NCBI GenBank Nucleotide #	NM_031757.1
UniProt Accession #	Q99PW6
Molecular Weight	70,465 Da
NCBI Official Full Name	matrix metalloproteinase-24
NCBI Official Synonym Full Names	matrix metalloproteinase 24
NCBI Official Symbol	Mmp24
NCBI Official Synonym Symbols	MT5MMP; MTMMP5; Mt5-mmp
NCBI Protein Information	matrix metalloproteinase-24
UniProt Protein Name	Matrix metalloproteinase-24
UniProt Gene Name	Mmp24
UniProt Synonym Gene Names	Mt5mmp; MMP-24; MT-MMP 5; MTMMP5; MT5-MMP; MT5MMP
UniProt Entry Name	MMP24_RAT

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/mmp24-rat-elisa-kits/matrix-metalloproteinase-24/56536>