

Rat MMP12 (Matrix Metalloproteinase 12) ELISA Kit | MMP12 elisa kit

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CATALOG # AAA278336	REACTIVITY Rat
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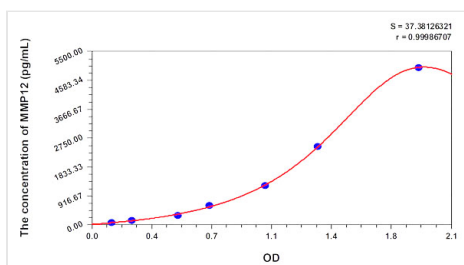
PRODUCT SYNONYMS

MMP12 (Matrix Metalloproteinase 12); Rat MMP12 (Matrix Metalloproteinase 12) ELISA Kit; MME; HME; ME; Macrophage Metalloelastase; Macrophage Elastase; MMP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Detection Range	0.32-20ng/mL
Sensitivity	0.11ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP12 elisa kit	Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat MMP12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MMP12. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat MMP12, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat MMP12 in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for MMP12 elisa kit	Enzyme & Kinase; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	291327537
NCBI GeneID	117033

NCBI Accession #	NP_446415.2
NCBI GenBank Nucleotide #	NM_053963.2
UniProt Accession #	Q63341 ; Q5I0P0
Molecular Weight	53,738 Da
NCBI Official Full Name	macrophage metalloelastase preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 12
NCBI Official Symbol	Mmp12
NCBI Official Synonym Symbols	Mme
NCBI Protein Information	macrophage metalloelastase
UniProt Protein Name	Macrophage metalloelastase
UniProt Gene Name	Mmp12
UniProt Synonym Gene Names	Mmel; MME; MMP-12
UniProt Entry Name	MMP12_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/rat-elisa-kits/mmp12-matrix-metalloproteinase-12/278336>