

Rat MMP-17 ELISA Kit | MMP-17 elisa kit

Rat MMP-17 (Matrix Metalloproteinase 17) ELISA Kit

CATALOG #
AAA163515

REACTIVITY
Rat

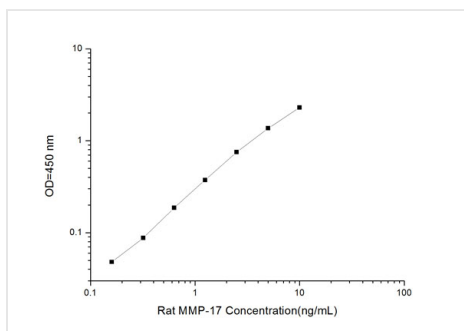
PRODUCT SYNONYMS

MMP-17; Rat MMP-17 (Matrix Metalloproteinase 17) ELISA Kit; MMP-17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat MMP-17. No significant cross-reactivity or interference between Rat MMP-17 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat MMP-17 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	603
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-17 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MMP-17 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat MMP-17. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat MMP-17 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat MMP-17, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat MMP-17. You can calculate the concentration of Rat MMP-17 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112382270
NCBI GeneID	4326
NCBI Accession #	NP_057239.4
NCBI GenBank Nucleotide #	NM_016155.4
UniProt Accession #	Q9ULZ9; Q14850
Molecular Weight	57,938 Da
NCBI Official Full Name	matrix metalloproteinase-17 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 17 (membrane-inserted)
NCBI Official Symbol	MMP17
NCBI Official Synonym Symbols	MT4-MMP
NCBI Protein Information	matrix metalloproteinase-17; MMP-17; MT-MMP 4; MT4MMP; MTMMP4; matrix metalloproteinase 17 (membrane-inserted); membrane-type matrix metalloproteinase 4; membrane-type-4 matrix metalloproteinase
UniProt Protein Name	Matrix metalloproteinase-17
UniProt Gene Name	MMP17
UniProt Synonym Gene Names	MT4MMP; MMP-17; MT-MMP 4; MTMMP4; MT4-MMP; MT4MMP
UniProt Entry Name	MMP17_HUMAN

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.