

Rat MMP-10 ELISA Kit | MMP-10 elisa kit

Rat MMP-10 (Matrix Metalloproteinase 10) ELISA Kit

CATALOG #
AAA163941

REACTIVITY
Rat

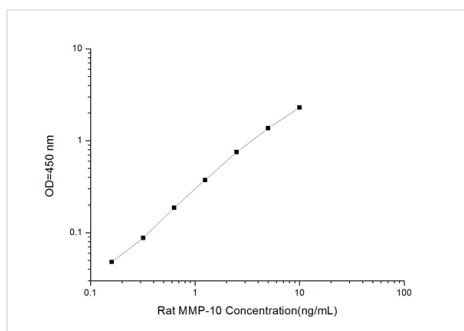
PRODUCT SYNONYMS

MMP-10; Rat MMP-10 (Matrix Metalloproteinase 10) ELISA Kit; MMP-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat MMP-10. No significant cross-reactivity or interference between Rat MMP-10 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-10 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	569
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-10 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MMP-10 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-10. 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-10 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-10, 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-10. You can calculate the concentration of Rat MMP-10 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22218341
NCBI GeneID	118856
NCBI Accession #	NP_671724.1
NCBI GenBank Nucleotide #	NM_147191.1
UniProt Accession #	Q8N119; Q5VZP9; Q8NG02
Molecular Weight	65,043 Da
NCBI Official Full Name	matrix metalloproteinase-21 preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 21
NCBI Official Symbol	MMP21
NCBI Official Synonym Symbols	MMP-21
NCBI Protein Information	matrix metalloproteinase-21; matrix metalloproteinase 21
UniProt Protein Name	Matrix metalloproteinase-21
UniProt Gene Name	MMP21
UniProt Synonym Gene Names	MMP-21
UniProt Entry Name	MMP21_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/mmp-10/163941>