

Rat MMP-11 ELISA Kit | MMP-11 elisa kit

Rat MMP-11 (Matrix Metalloproteinase 11) ELISA Kit

CATALOG #
AAA165917

REACTIVITY
Rat

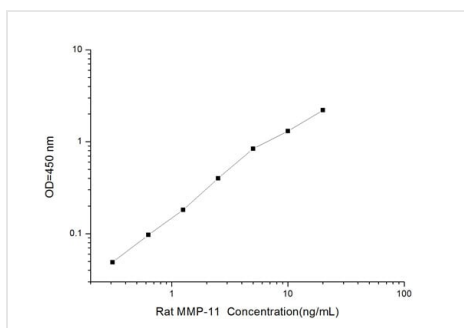
PRODUCT SYNONYMS

MMP-11; Rat MMP-11 (Matrix Metalloproteinase 11) ELISA Kit; MMP-11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat MMP-11. No significant cross-reactivity or interference between Rat MMP-11 and analogues was observed.
Sequence Length	104
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat MMP-11 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-11 elisa kit	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 MMP-11. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MMP-11 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 MMP-11, 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 MMP-11. You can calculate the concentration of MMP-11 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	295983604
NCBI GeneID	486408
Molecular Weight	11,465 Da
NCBI Official Full Name	matrix metalloproteinase-11, partial
NCBI Official Symbol	MMP11
NCBI Protein Information	stromelysin-3; matrix metalloproteinase 11
UniProt Protein Name	Matrix metalloproteinase-11
UniProt Gene Name	MMP-11
UniProt Entry Name	D6R1X0_CANFA

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/mmp-11/165917>