

Human MMP-2 ELISA Kit | MMP-2 elisa kit

Human MMP-2 (Matrix Metalloproteinase 2) ELISA Kit

CATALOG #
AAA164334

REACTIVITY
Human

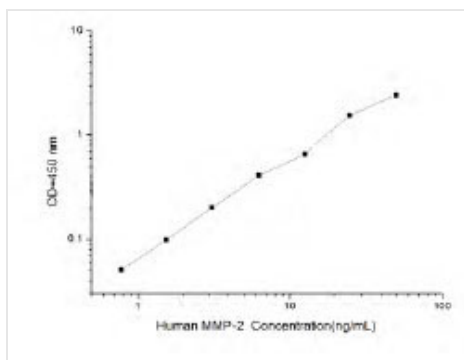
PRODUCT SYNONYMS

MMP-2; Human MMP-2 (Matrix Metalloproteinase 2) ELISA Kit; MMP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human MMP-2 . No significant crossreactivity or interference between Human MMP-2 and analogues was observed.
Sequence Length	658
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-2 elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human MMP-2 concentrations in 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 precoated with an antibody specific to Human MMP-2 . Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Human MMP-2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human MMP-2 , biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human MMP-2 . The concentration of Human MMP-2 in samples can be calculated by comparing the OD of the samples with the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83776608
NCBI GeneID	653022
NCBI Accession #	NP_001032958.1
NCBI GenBank Nucleotide #	NM_001037869.1
NCBI Official Full Name	matrix metalloproteinase-2
NCBI Official Symbol	mmp-2
NCBI Official Synonym Symbols	fgmmp-2
NCBI Protein Information	matrix metalloproteinase-2

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/human-elisa-kits/mmp-2/164334>