

Human MMP-15 ELISA Kit | MMP-15 elisa kit

Human MMP-15 (Matrix Metalloproteinase 15) ELISA Kit

CATALOG #
AAA165880

REACTIVITY
Human

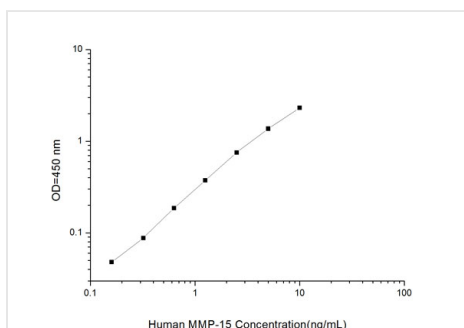
PRODUCT SYNONYMS

MMP-15; Human MMP-15 (Matrix Metalloproteinase 15) ELISA Kit; MMP-15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human MMP-15. No significant cross-reactivity or interference between Human MMP-15 and analogues was observed.
Sequence Length	669
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Human MMP-15 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-15 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-15. 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-15 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-15, 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-15. You can calculate the concentration of MMP-15 in the samples by comparing the OD of the samples to the standard curve. FOR
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505211
NCBI GeneID	4324
NCBI Accession #	NP_002419.1
NCBI GenBank Nucleotide #	NM_002428.2
Molecular Weight	75,807 Da
NCBI Official Full Name	matrix metalloproteinase-15 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 15 (membrane-inserted)
NCBI Official Symbol	MMP15
NCBI Official Synonym Symbols	MTMMP2; SMCP-2; MT2-MMP
NCBI Protein Information	matrix metalloproteinase-15; MMP-15; MT-MMP 2; MT2MMP; matrix metalloproteinase 15 (membrane-inserted); membrane-type matrix metalloproteinase 2; membrane-type-2 matrix metalloproteinase
UniProt Protein Name	Matrix metalloproteinase-15
UniProt Gene Name	MMP15
UniProt Synonym Gene Names	MMP-15; MT-MMP 2; MTMMP2; MT2-MMP; MT2MMP
UniProt Entry Name	MMP15_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mmp-15/165880>