

Human Matrix metalloproteinase-20 ELISA Kit | MMP20 elisa kit

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CATALOG #
AAA194676

REACTIVITY
Human

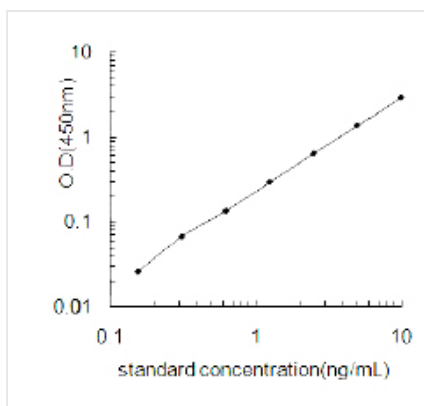
PRODUCT SYNONYMS

Matrix metalloproteinase-20; Human Matrix metalloproteinase-20 ELISA Kit; MMP-20; Enamel metalloproteinase; Enamelysin; MMP20; MMP20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human MMP-20
Sequence Length	483
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.084 ng/mL
Intra-assay Precision	<=7.5%
Inter-assay Precision	<=9.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP20 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45359865
NCBI GeneID	9313
NCBI Accession #	NP_004762.2
NCBI GenBank Nucleotide #	NM_004771.3
UniProt Accession #	O60882; Q6DKT9
Molecular Weight	54,387 Da
NCBI Official Full Name	matrix metalloproteinase-20 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 20
NCBI Official Symbol	MMP20
NCBI Official Synonym Symbols	AI2A2; MMP-20
NCBI Protein Information	matrix metalloproteinase-20
UniProt Protein Name	Matrix metalloproteinase-20
UniProt Gene Name	MMP20
UniProt Synonym Gene Names	MMP-20
UniProt Entry Name	MMP20_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/mmp20-human-elisa-kits/matrix-metalloproteinase-20/194676>