

Human Matrix metalloproteinase-23 ELISA Kit | MMP23A elisa kit

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CATALOG #
AAA191884

REACTIVITY
Human

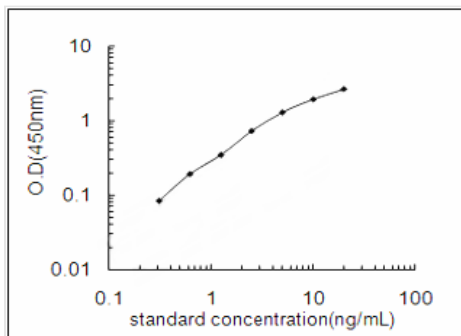
PRODUCT SYNONYMS

Matrix metalloproteinase-23; Human Matrix metalloproteinase-23 ELISA Kit; MMP-23; Femalysin; MIFR-1; Matrix metalloproteinase-21; MMP-21; Matrix metalloproteinase-22; MMP-22; MMP23A; MMP21; MMP23A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanMMP-23. No significant cross-reactivity or interference was observed.
Sequence Length	390
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=7.5%
Inter-Assay CV	<=9.7%
Recovery	100%
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 MMP23A elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human MMP-23 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP-23. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MMP-23 and 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 MMP-23, 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 MMP-23 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5902004
NCBI GeneID	8510
NCBI Accession #	NP_008914.1
NCBI GenBank Nucleotide #	NM_006983.1
UniProt Accession #	O75900; O75894; O75895; Q5QPQ8; Q76P96; Q7LDM6; Q7LDM7; Q9UBR9; Q9UJK8; A2AGN0; A2AGN1
Molecular Weight	46,305 Da
NCBI Official Full Name	matrix metalloproteinase-23
NCBI Official Synonym Full Names	matrix metalloproteinase 23B
NCBI Official Symbol	MMP23B
NCBI Official Synonym Symbols	MIFR; MMP22; MIFR-1; MMP23A
NCBI Protein Information	matrix metalloproteinase-23
UniProt Protein Name	Matrix metalloproteinase-23
UniProt Gene Name	MMP23A
UniProt Synonym Gene Names	MMP21; MMP-23; MMP-21; MMP-22
UniProt Entry Name	MMP23_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/mmp23a-human-elisa-kits/matrix-metalloproteinase-23/191884>