

Human MMP9 (Matrix Metalloproteinase 9) ELISA Kit | MMP9 elisa kit

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CATALOG #
AAA278082

REACTIVITY
Human

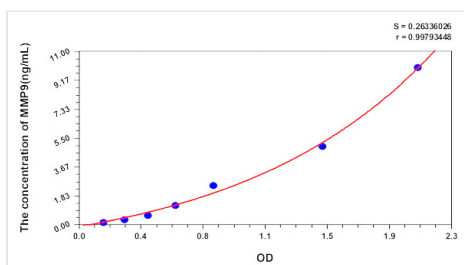
PRODUCT SYNONYMS

MMP9 (Matrix Metalloproteinase 9); Human MMP9 (Matrix Metalloproteinase 9) ELISA Kit; GELB; Gelatinase B; CLG4B; CLG4-B; 92 KDa Gelatinase; 92kDa Type IV Collagenase; MMP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	23.44-1500ng/mL
Sensitivity	0.19ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP9 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MMP9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MMP9. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human MMP9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human MMP9 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MMP9 elisa kit

Enzyme & Kinase; Tumor immunity; Infection immunity; Cardiovascular biology; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	74272287
NCBI GeneID	4318

NCBI Accession #	NP_004985.2
NCBI GenBank Nucleotide #	NM_004994.2
UniProt Accession #	P14780 ; Q3LR70 ; Q8N725 ; Q9H4Z1 ; Q9UCJ9 ; Q9UCL1 ; Q9UDK2 ; B2R7V9
Molecular Weight	78,458 Da
NCBI Official Full Name	matrix metalloproteinase-9 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
NCBI Official Symbol	MMP9
NCBI Official Synonym Symbols	GELB; CLG4B; MMP-9; MANDP2
NCBI Protein Information	matrix metalloproteinase-9; 92 kDa gelatinase; type V collagenase; macrophage gelatinase; 92 kDa type IV collagenase; matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	CLG4B; MMP-9; GELB
UniProt Entry Name	MMP9_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://www.aaabiotech.com/human-elisa-kits/mmp9-matrix-metalloproteinase-9/278082>