

Human MMP-9 ELISA Kit | MMP-9 elisa kit

Human MMP-9 ELISA Kit

CATALOG # AAA332556	REACTIVITY Human	APPLICATIONS ELISA
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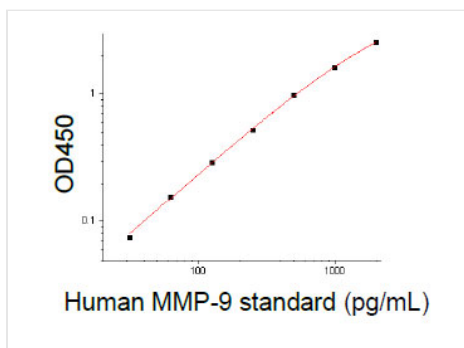
PRODUCT SYNONYMS

MMP-9; Human MMP-9 ELISA Kit; MMP 9; MMP9; Matrix Metalloproteinase 9; GELB; Type V collagenase; Matrix metalloproteinase 9 (gelatinase B; 92kDa gelatinase; 92kDa type IV collagenase); MMP-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human MMP MMP-9 ELISA Kit has high sensitivity and excellent specificity for detection of Human MMP MMP-9. No significant cross cross-reactivity or interference between Human MMP MMP-9 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	31.25 pg/mL-2,000 pg/mL
Applicable Applications for MMP-9 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)? 10%.
Inter-assay Precision	Inter- assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-9 elisa kit	Principle of the Assay: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Human MMP-9 ELISA Kit employs a double antibody sandwich method to quantitate Human MMP-9 in samples. An antibody specific for Human MMP-9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human MMP-9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human MMP-9 is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The MMP-9 concentration is proportional to the OD450 nm value.
Product Categories/Family for MMP-9 elisa kit	ELISA Assay Kit; Protein

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/mmp-9/332556>