

Human MMP-9 (Matrix Metalloproteinase 9) CLIA Kit | MMP-9 clia kit

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CATALOG #
AAA170917

REACTIVITY
Human

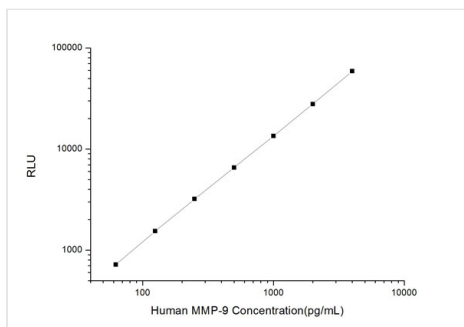
PRODUCT SYNONYMS

MMP-9 (Matrix Metalloproteinase 9); Human MMP-9 (Matrix Metalloproteinase 9) CLIA Kit; MMP9; CLG4B; Gelatinase B; GELB; MANDP2; 92kDa Type IV Collagenase; 92 KDa Gelatinase; MMP-9 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MMP-9. No significant cross-reactivity or interference between MMP-9 and analogues was observed.
Sequence Length	704
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-9 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of MMP-9 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to MMP-9. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MMP-9 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-9, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of MMP-9. You can calculate the concentration of MMP-9 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978992
NCBI GeneID	403885
NCBI Accession #	NP_001003219.1
NCBI GenBank Nucleotide #	NM_001003219.2
Molecular Weight	78,123 Da
NCBI Official Full Name	matrix metalloproteinase-9
NCBI Official Symbol	MMP9
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	MMP-9; GELB
UniProt Entry Name	MMP9_CANFA

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-clia-kits/mmp-9-matrix-metalloproteinase-9/170917>