

Rat Matrix Metalloproteinase 9 (MMP9) RTU ELISA Kit | MMP9 rtu elisa kit

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CATALOG #
AAA217139

REACTIVITY
Rat

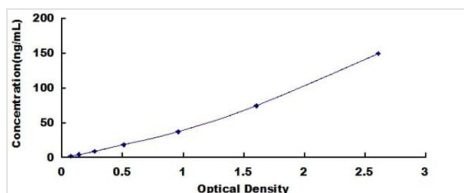
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	708
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	2.34-150ng/mL
Sensitivity	1.1ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP9 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 $\pm$ 10nm. The concentration of MMP9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13591993
NCBI GeneID	81687
NCBI Accession #	NP_112317.1
NCBI GenBank Nucleotide #	NM_031055.1
UniProt Accession #	P50282
Molecular Weight	78,611 Da
NCBI Official Full Name	matrix metalloproteinase-9
NCBI Official Synonym Full Names	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

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/rat-rtu-elisa-kits/matrix-metalloproteinase-9-mmp9/217139>