

Rat matrix metalloproteinase 9/Gelatinase B, MMP-9 ELISA Kit | MMP-9 elisa kit

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CATALOG #
AAA41558

REACTIVITY
Rat

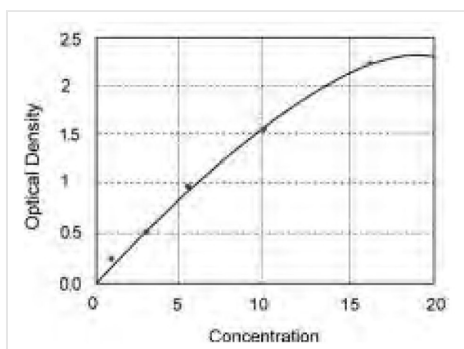
PRODUCT SYNONYMS

matrix metalloproteinase 9/Gelatinase B; MMP-9; Rat matrix metalloproteinase 9/Gelatinase B; MMP-9 ELISA Kit; MMP-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	707
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-10ng/ml
Sensitivity	0.01ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-9 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MMP-9 antibody. MMP-9 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MMP-9 Antibody is added and binds to MMP-9 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP-9 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat MMP-9. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat matrix metalloproteinase 9;Gelatinase B (also known as MMP-9) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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
NCBI Official Symbol	MMP9
NCBI Official Synonym Symbols	GELB; CLG4B; MMP-9; MANDP2
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	CLG4B; 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.