

Rat matrix metalloproteinase 8/Neutrophil collagenase, MMP-8 ELISA Kit | MMP-8 elisa kit

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CATALOG #
AAA42297

REACTIVITY
Rat

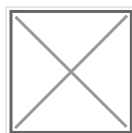
PRODUCT SYNONYMS

matrix metalloproteinase 8/Neutrophil collagenase; MMP-8; Rat matrix metalloproteinase 8/Neutrophil collagenase; MMP-8 ELISA Kit; MMP-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	467
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5nmol/ml - 200nmol/ml
Sensitivity	0.251nmol/ml
Intra-Assay	CV<8%
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-8 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Matrix Metalloproteinase 8, Neutrophil Collagenase (also known as MMP-8) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MMP-8 antibody. MMP-8 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MMP-8 Antibody is added and binds to MMP-8 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP-8antibody. 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-8. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71648770
NCBI GeneID	4317

UniProt Accession #	P22894; Q45F99
Molecular Weight	53,412 Da
NCBI Official Full Name	matrix metalloproteinase 8 (neutrophil collagenase)
NCBI Official Synonym Full Names	matrix metalloproteinase 8
NCBI Official Symbol	MMP8
NCBI Official Synonym Symbols	HNC; CLG1; MMP-8; PMNL-CL
NCBI Protein Information	neutrophil collagenase
UniProt Protein Name	Neutrophil collagenase
UniProt Gene Name	MMP8
UniProt Synonym Gene Names	CLG1; MMP-8; PMNL-CL

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://stage.aaabiotech.com/rat-elisa-kits/matrix-metalloproteinase-8-neutrophil-collagenase-mmp-8/42297>