

Rat matrix metalloproteinase 13, MMP-13 ELISA Kit | MMP-13 elisa kit

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CATALOG #
AAA11216

REACTIVITY
Rat

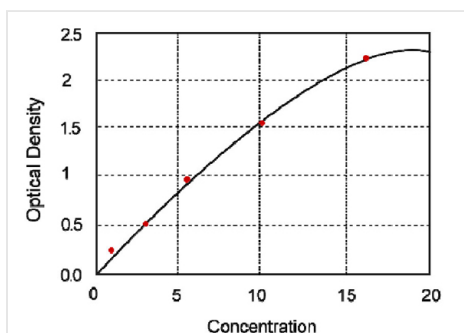
PRODUCT SYNONYMS

matrix metalloproteinase 13; MMP-13; Rat matrix metalloproteinase 13; MMP-13 ELISA Kit; MMP-13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	472
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-30ng/ml
Sensitivity	0.027ng/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-13 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MMP-13 antibody. MMP-13 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MMP-13 Antibody is added and binds to MMP-13 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MMP-13 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-13. 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 13 (also known as MMP-13) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	155369235
NCBI GeneID	398056
NCBI Accession #	NP_001094401.1
NCBI GenBank Nucleotide #	NM_001100931.1
NCBI Official Full Name	matrix metallopeptidase 13 (collagenase 3) like S homeolog
NCBI Official Synonym Full Names	matrix metallopeptidase 13 (collagenase 3) like S homeolog
NCBI Official Symbol	mmp13l.S
NCBI Official Synonym Symbols	xCol; xcl3; mmp13; MMP-13; gene A; mmp13l
NCBI Protein Information	matrix metallopeptidase 13 (collagenase 3) like S homeolog

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-13-mmp-13/11216>