

Pig Interstitial collagenase ELISA Kit | MMP1 elisa kit

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CATALOG #
AAA309940

REACTIVITY
Pig

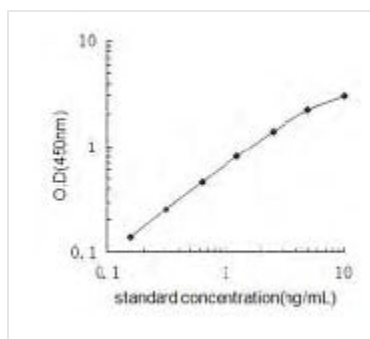
PRODUCT SYNONYMS

Interstitial collagenase; Pig Interstitial collagenase ELISA Kit; Matrix metalloproteinase-1; MMP-1; MMP1; 3.4.24.7; MMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig Interstitial collagenase. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.156 ng/ml -10 ng/ml
Sensitivity	<0.078 ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig Interstitial collagenase concentrations in serum, plasma, tissue homogenates and cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been precoated with an antibody specific to Interstitial collagenase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Interstitial collagenase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Interstitial collagenase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Interstitial collagenase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261249969
NCBI GeneID	397320
NCBI Accession #	NP_001159701.1
NCBI GenBank Nucleotide #	NM_001166229.1
UniProt Accession #	P21692
Molecular Weight	53,666 Da
NCBI Official Full Name	interstitial collagenase
NCBI Official Symbol	MMP1
NCBI Official Synonym Symbols	Mmp1a
NCBI Protein Information	interstitial collagenase
UniProt Protein Name	Interstitial collagenase
UniProt Gene Name	MMP1
UniProt Synonym Gene Names	MMP-1

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/mmp1-pig-elisa-kits/interstitial-collagenase/309940>