Pig matrix metalloproteinase 2/Gelatinase A, MMP-2 ELISA Kit | MMP2/Gelatinase A elisa kit

Pig matrix metalloproteinase 2/Gelatinase A, MMP-2 ELISA Kit

CATALOG #	REACTIVITY
AAA79507	**Pig**

PRODUCT SYNONYMS

matrix metalloproteinase 2/Gelatinase A; MMP-2; Pig matrix metalloproteinase 2/Gelatinase A; MMP-2 ELISA Kit; MMP-2 ELISA kit; MMP2/Gelatinase A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Sequence Length	30
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	47 ng/ml-3000 ng/ml
Sensitivity	11.75 ng/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP2/Gelatinase A elisa kit	**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP-2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MMP-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8050250
NCBI GeneID	81686
UniProt Accession #	Q9JHC2; P33436

Molecular Weight	3,196 Da
NCBI Official Full Name	MMP-2, partial
NCBI Official Synonym Full Names	matrix metallopeptidase 2
NCBI Official Symbol	Mmp2
NCBI Protein Information	72 kDa type IV collagenase; MMP-2; gelatinase A; 72 kDa gelatinase; matrix metalloproteinase 2; matrix metalloproteinase-2
UniProt Protein Name	MMP-2
UniProt Gene Name	**Mmp2**
UniProt Synonym Gene Names	MMP-2
UniProt Entry Name	Q9JHC2_RAT

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/mmp2-gelatinase-a-pig-elisa-kits/matrix-metalloproteinase-2-gelatinase-a-mmp-2/79507