

Bovine Matrix metalloproteinase-9 ELISA Kit | MMP9 elisa kit

Bovine Matrix metalloproteinase-9 ELISA Kit

CATALOG #
AAA310001

REACTIVITY
Bovine

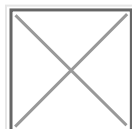
PRODUCT SYNONYMS

Matrix metalloproteinase-9; Bovine Matrix metalloproteinase-9 ELISA Kit; MMP-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; GELB; MMP9; 3.4.24.35; MMP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine MMP- 9. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	1.56 ng/ml -100 ng/ml
Sensitivity	<:0.57ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP9 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine matrix metalloproteinase-9, mmp-9 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 pre-coated with an antibody specific to MMP-9. Standards or samples are then added to the appropriate microtiter plate wells with a biotinconjugated polyclonal antibody preparation specific for MMP-9 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 MMP-9, 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 +/- 2 nm. The concentration of MMP-9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27807437
NCBI GeneID	282871
NCBI Accession #	NP_777169.1

NCBI GenBank Nucleotide #	NM_174744.2
UniProt Accession #	P52176; A5PKB8
Molecular Weight	79,088 Da
NCBI Official Full Name	matrix metalloproteinase-9
NCBI Official Symbol	MMP9
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mmp9-bovine-ovine-elisa-kits/matrix-metalloproteinase-9/310001>