

Canine MMP2 (Matrix metalloproteinase-2) ELISA Kit | MMP2 elisa kit

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CATALOG #
AAA248481

REACTIVITY
Canine

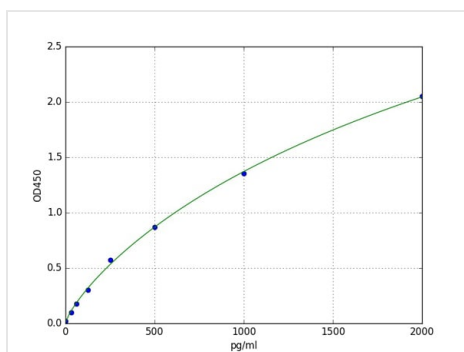
PRODUCT SYNONYMS

MMP2 (Matrix metalloproteinase-2); Canine MMP2 (Matrix metalloproteinase-2) ELISA Kit; 72 kDa type IV collagenase; 72 kDa gelatinase; Gelatinase A; CLG4A; MMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	650
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-MMP2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-MMP2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the MMP2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MMP2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	442623038
NCBI GeneID	35997
NCBI Accession #	NP_610511.3
NCBI GenBank Nucleotide #	NM_136667.3
Molecular Weight	77,261 Da
NCBI Official Full Name	matrix metalloproteinase 2, isoform D
NCBI Official Synonym Full Names	Matrix metalloproteinase 2
NCBI Official Symbol	Mmp2
NCBI Official Synonym Symbols	2-MMP; anon-WO0118547.84; CG1794; dm-2MMP; Dm2-MMP; DmelCG1794; dmmp2; l(2)02353; mmp2; MMP2
NCBI Protein Information	CG1794 gene product from transcript CG1794-RB
UniProt Protein Name	Matrix metalloproteinase-2
UniProt Gene Name	Mmp2
UniProt Synonym Gene Names	Dm2-MMP

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://www.aaabiotech.com/canine-elisa-kits/mmp2-matrix-metalloproteinase-2/248481>