

Dog Matrix metalloproteinase 13, MMP-13 ELISA Kit | MMP-13 elisa kit

Canine Matrix metalloproteinase 13, MMP-13 ELISA Kit

CATALOG #
AAA15555

REACTIVITY
Dog

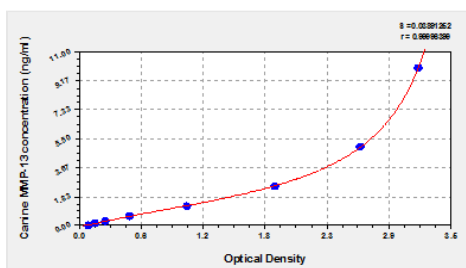
PRODUCT SYNONYMS

Matrix metalloproteinase 13; MMP-13; Canine Matrix metalloproteinase 13; MMP-13 ELISA Kit; MMP-13 ELISA kit; MMP-13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine MMP-13. No significant cross-reactivity or interference between canine MMP-13 and analogues was observed.
Sequence Length	140
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 MMP-13 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP-13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP-13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP-13 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-13 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12584825
UniProt Accession #	Q9BGL6
Molecular Weight	16,463 Da
NCBI Official Full Name	MMP-13, partial
UniProt Protein Name	MMP-13
UniProt Entry Name	Q9BGL6_SHEEP

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/dog-elisa-kits/matrix-metalloproteinase-13-mmp-13/15555>