

Matrix Metalloproteinase 13 (MMP13) CLIA Kit | MMP13 clia kit

CLIA Kit for Matrix Metalloproteinase 13 (MMP13)

CATALOG #
AAA130024

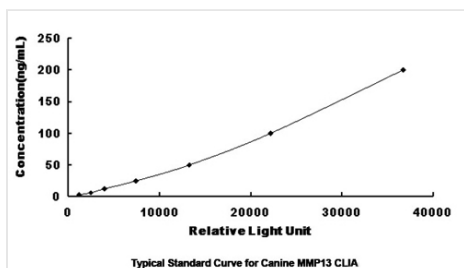
PRODUCT SYNONYMS

Matrix Metalloproteinase 13 (MMP13); CLIA Kit for Matrix Metalloproteinase 13 (MMP13); MMP13 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Matrix Metalloproteinase 13 (MMP13). No significant cross-reactivity or interference between Matrix Metalloproteinase 13 (MMP13) and analogues was observed.
Sequence Length	471
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.274-200ng/mL. The standard curve concentrations used for the ELISA's were 200ng/mL, 66.67ng/mL, 22.22ng/mL, 7.41ng/mL, 2.469ng/mL, 0.823ng/mL, 0.274ng/mL.
Sensitivity	The minimum detectable dose of this kit is typically less than 0.76ng/mL.
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Matrix Metalloproteinase 13 (MMP13) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Matrix Metalloproteinase 13 (MMP13) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Canis familiaris; Canine (Dog)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP13 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Matrix Metalloproteinase 13 (MMP13) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291195939
NCBI Official Full Name	matrix metalloproteinase 13

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/clia-kits/matrix-metalloproteinase-13-mmp13/130024>