

Rabbit matrix metalloproteinase 13 (collagenase 3) ELISA Kit | MMP13 elisa kit

Rabbit Matrix Metalloproteinase 13, MMP-13 ELISA Kit

CATALOG #
AAA80470

REACTIVITY
Rabbit

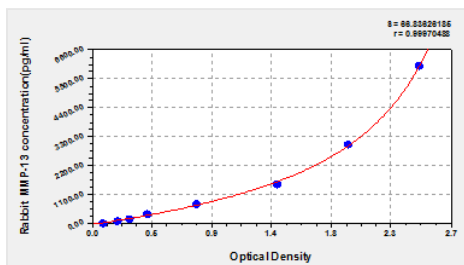
PRODUCT SYNONYMS

matrix metalloproteinase 13 (collagenase 3); Rabbit Matrix Metalloproteinase 13; MMP-13 ELISA Kit; CLG3; MANDP1; collagenase 3; matrix metalloproteinase 13; matrix metalloproteinase 13 (collagenase 3) ; MMP13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MMP-13. No significant cross-reactivity or interference between mouse MMP-13 and analogues was observed.
Sequence Length	471
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	93.75 pg/ml-6000 pg/ml
Sensitivity	23.438 pg/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 MMP13 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723537
NCBI GeneID	100008685
NCBI Accession #	NP_001075506.1
NCBI GenBank Nucleotide #	NM_001082037.1
UniProt Accession #	O62806
Molecular Weight	53,693 Da
NCBI Official Full Name	collagenase 3
NCBI Official Symbol	MMP13
NCBI Protein Information	collagenase 3; MMP-13; collagenase-3; matrix metalloproteinase-13
UniProt Protein Name	Collagenase 3
UniProt Gene Name	MMP13
UniProt Synonym Gene Names	MMP-13
UniProt Entry Name	MMP13_RABIT

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/mmp13-rabbit-elisa-kits/matrix-metalloproteinase-13-collagenase-3/80470>