

Rat Matrix Metalloproteinase 12 (MMP12) RTU ELISA Kit | MMP12 rtu elisa kit

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CATALOG #
AAA217084

REACTIVITY
Rat

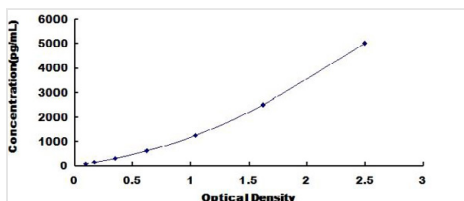
PRODUCT SYNONYMS

Matrix Metalloproteinase 12 (MMP12); Rat Matrix Metalloproteinase 12 (MMP12) ELISA Kit; MME; HME; ME; Macrophage Metalloelastase; Macrophage Elastase; MMP12 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	477
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	32pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP12 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MMP12. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MMP12, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MMP12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291327537
NCBI GeneID	117033
NCBI Accession #	NP_446415.2
NCBI GenBank Nucleotide #	NM_053963.2
UniProt Accession #	Q63341; Q5I0P0
Molecular Weight	53,738 Da
NCBI Official Full Name	macrophage metalloelastase preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 12
NCBI Official Symbol	Mmp12
NCBI Official Synonym Symbols	Mme
NCBI Protein Information	macrophage metalloelastase
UniProt Protein Name	Macrophage metalloelastase
UniProt Gene Name	Mmp12
UniProt Synonym Gene Names	Mmel; MME; MMP-12

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/rat-rtu-elisa-kits/matrix-metalloproteinase-12-mmp12/217084>