

Rat matrix metalloproteinase 10 (stromelysin 2) ELISA Kit | MMP10 elisa kit

Rat matrix metalloproteinase 10, MMP-10 ELISA Kit

CATALOG #
AAA79745

REACTIVITY
Rat

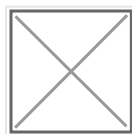
PRODUCT SYNONYMS

matrix metalloproteinase 10 (stromelysin 2); Rat matrix metalloproteinase 10; MMP-10 ELISA Kit; MMP-10 ELISA kit; SL-2; STMY2; matrix metalloproteinase 10; matrix metalloproteinase 10; matrix metalloproteinase 10 (stromelysin 2) ; stromelysin 2; transin 2; MMP10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat MMP10. No significant cross-reactivity or interference between Rat MMP10 and analogues was observed.
Sequence Length	476
Samples	Serum, plasma, tissue homogenates
Detection Range	80 pg/ml-2000 pg/ml
Sensitivity	50 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Developmental Protein
Protein Biological Process 3	Collagen degradation
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 MMP10 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with a goat-anti-rabbit antibody. Standards or samples are then added to the appropriate microtiter plate wells with a HRP-conjugated MMP-10 and antibody preparation specific for MMP-10 and incubated. Then substrate solutions are added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MMP-10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19424154
NCBI GeneID	117061
NCBI Accession #	NP_598198.1
NCBI GenBank Nucleotide #	NM_133514.1
UniProt Accession #	P07152
Molecular Weight	54,222 Da
NCBI Official Full Name	stromelysin-2
NCBI Official Synonym Full Names	matrix metalloproteinase 10 (stromelysin 2)
NCBI Official Symbol	Mmp10
NCBI Protein Information	stromelysin-2; SL-2; MMP-10; transin-2; stromelysin 2; matrix metalloproteinase 10; matrix metalloproteinase-10; transformation-associated protein 34A
UniProt Protein Name	Stromelysin-2
UniProt Gene Name	Mmp10
UniProt Synonym Gene Names	SL-2; MMP-10
UniProt Entry Name	MMP10_RAT

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/mmp10-rat-elisa-kits/matrix-metalloproteinase-10-stromelysin-2/79745>