

Human Matrix Metalloproteinase 10 (MMP10) CLIA Kit | MMP10 clia kit

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CATALOG #
AAA130362

REACTIVITY
Human

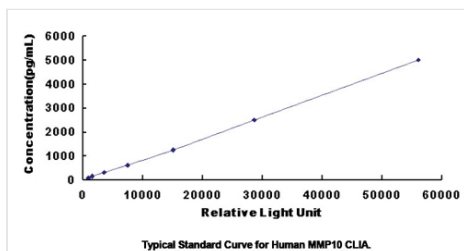
PRODUCT SYNONYMS

Matrix Metalloproteinase 10 (MMP10); Human Matrix Metalloproteinase 10 (MMP10) CLIA Kit; STMY2; SL2; Stromelysin 2; Transin-2; MMP10 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Matrix Metalloproteinase 10 (MMP10). No significant cross-reactivity or interference between Matrix Metalloproteinase 10 (MMP10) and analogues was observed.
Sequence Length	476
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	6.86-5,000pg/mL
Sensitivity	2.72pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Matrix Metalloproteinase 10 (MMP10) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Matrix Metalloproteinase 10 (MMP10) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
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 MMP10 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Matrix Metalloproteinase 10 (MMP10). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Matrix Metalloproteinase 10 (MMP10). 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 10 (MMP10) level in the sample or standard.;
Product Categories/Family for MMP10 clia kit	Tumor immunity ; Infection immunity ; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	30583723
NCBI GeneID	4319
UniProt Accession #	P09238 ; Q53HH9 ; B2R9X9
Molecular Weight	54,151 Da
NCBI Official Full Name	matrix metalloproteinase 10 (stromelysin 2)
NCBI Official Synonym Full Names	matrix metallopeptidase 10
NCBI Official Symbol	MMP10
NCBI Official Synonym Symbols	SL-2; STMY2
NCBI Protein Information	stromelysin-2
UniProt Protein Name	Stromelysin-2
UniProt Gene Name	MMP10
UniProt Synonym Gene Names	STMY2; SL-2; MMP-10
UniProt Entry Name	MMP10_HUMAN

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/human-clia-kits/matrix-metalloproteinase-10-mmp10/130362>