

Human Matrix Metalloproteinase 8 (MMP8) ELISA Kit | MMP8 elisa kit

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CATALOG #
AAA67774

REACTIVITY
Human

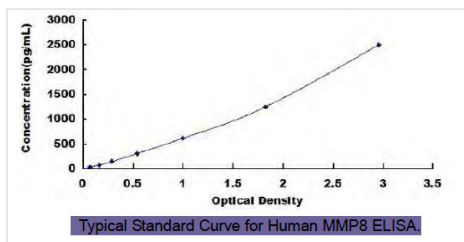
PRODUCT SYNONYMS

Matrix Metalloproteinase 8 (MMP8); Human Matrix Metalloproteinase 8 (MMP8) ELISA Kit; CLG2; HNC; PMNL-CL; Collagenase 2; Neutrophil Collagenase; PMNL collagenase; MMP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MKRN3. No significant cross-reactivity or interference between MKRN3 and analogues was observed.
Sequence Length	444
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.71ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MKRN3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MKRN3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MKRN3 in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MKRN3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MKRN3. 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 MKRN3, 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 +/- 10nm. The concentration of MKRN3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	751247063
NCBI GeneID	4317
NCBI Accession #	NP_001291370.1
NCBI GenBank Nucleotide #	NM_001304441.1
UniProt Accession #	P22894; Q45F99
Molecular Weight	53,412 Da
NCBI Official Full Name	neutrophil collagenase isoform 2
NCBI Official Synonym Full Names	matrix metalloproteinase 8
NCBI Official Symbol	MMP8
NCBI Official Synonym Symbols	HNC; CLG1; MMP-8; PMNL-CL
NCBI Protein Information	neutrophil collagenase
UniProt Protein Name	Neutrophil collagenase
UniProt Gene Name	MMP8
UniProt Synonym Gene Names	CLG1; MMP-8; PMNL-CL

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/human-elisa-kits/matrix-metalloproteinase-8-mmp8/67774>