

Human matrix metalloproteinase 8 (neutrophil collagenase) ELISA Kit | MMP8 elisa kit

Human Matrix metalloproteinase 8/Neutrophil collagenase, MMP-8 ELISA Kit

CATALOG # AAA15371	REACTIVITY Human
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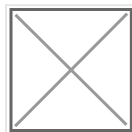
PRODUCT SYNONYMS

matrix metalloproteinase 8 (neutrophil collagenase); Human Matrix metalloproteinase 8/Neutrophil collagenase; MMP-8 ELISA Kit; MMP-8 ELISA kit; CLG1; HNC; PMNL-CL; PMNL collagenase; matrix metalloproteinase 8; matrix metalloproteinase 8 (neutrophil collagenase) ; MMP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MMP-8. No significant cross-reactivity or interference between human MMP-8 and analogues was observed.
Sequence Length	467
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	39 pg/ml-2500 pg/ml
Sensitivity	< 9.75 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 MMP8 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP-8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP-8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP-8 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-8 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 #	4505221
NCBI GeneID	4317
NCBI Accession #	NP_002415.1
NCBI GenBank Nucleotide #	NM_002424.2
UniProt Accession #	P22894; Q45F99
Molecular Weight	53,412 Da
NCBI Official Full Name	neutrophil collagenase preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 8 (neutrophil collagenase)
NCBI Official Symbol	MMP8
NCBI Official Synonym Symbols	HNC; CLG1; MMP-8; PMNL-CL
NCBI Protein Information	neutrophil collagenase; PMNL collagenase; matrix metalloproteinase-8; matrix metalloproteinase 8 (neutrophil collagenase)
UniProt Protein Name	Neutrophil collagenase
UniProt Gene Name	MMP8
UniProt Synonym Gene Names	CLG1; MMP-8; PMNL-CL
UniProt Entry Name	MMP8_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://stage.aaabiotech.com/mmp8-human-elisa-kits/matrix-metalloproteinase-8-neutrophil-collagenase/15371>