

Human Matrix Metalloproteinase 11 ELISA Kit | MMP11 elisa kit

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CATALOG #
AAA99577

REACTIVITY
Human

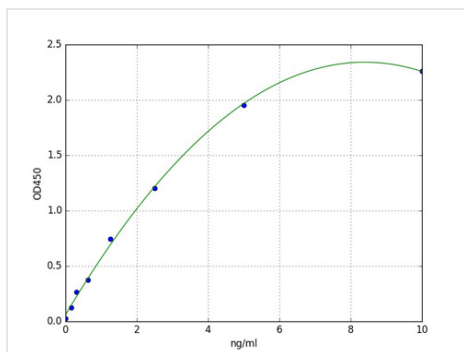
PRODUCT SYNONYMS

Matrix Metalloproteinase 11; Human Matrix Metalloproteinase 11 ELISA Kit; MMP-11 (Matrix Metalloproteinase 11)/MMP11/SL-3/ST3/STMY3/Stromelysin-3/stromelysin 3/stromelysin III; MMP11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	67
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MMP11 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.038	0.171	0.302	0.564	0.953	1.424	1.857	2.120

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP11 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MMP11 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MMP11 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MMP11 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MMP11 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90287776
NCBI GeneID	4320
Molecular Weight	54,590 Da
NCBI Official Full Name	matrix metalloproteinase 11, partial
NCBI Official Synonym Full Names	matrix metalloproteinase 11
NCBI Official Symbol	MMP11
NCBI Official Synonym Symbols	ST3; SL-3; STMY3
NCBI Protein Information	stromelysin-3
UniProt Protein Name	Stromelysin-3
UniProt Gene Name	MMP11
UniProt Synonym Gene Names	STMY3; SL-3; ST3; MMP-11
UniProt Entry Name	MMP11_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mmp11-human-elisa-kits/matrix-metalloproteinase-11/99577>