

Human Matrix metalloproteinase-19 ELISA Kit | MMP19 elisa kit

Human Matrix metalloproteinase-19 ELISA Kit

CATALOG #
AAA99658

REACTIVITY
Human

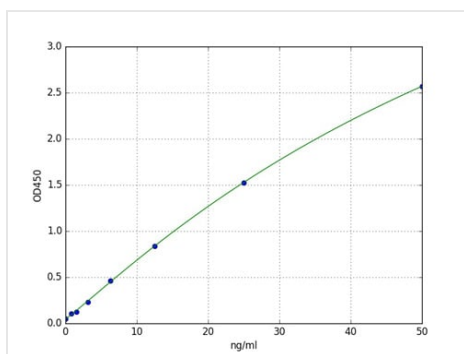
PRODUCT SYNONYMS

Matrix metalloproteinase-19; Human Matrix metalloproteinase-19 ELISA Kit; MMP19/Matrix metalloproteinase-19/MMP-19/Matrix metalloproteinase RASI/Matrix metalloproteinase-18/MMP-18/MMP18/RASI/RASI-1; MMP19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	508
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 MMP19 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	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.051	0.101	0.134	0.243	0.439	0.829	1.482	2.472

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP19 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MMP19 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MMP19 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 MMP19 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MMP19 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505213
NCBI GeneID	4327
NCBI Accession #	NP_002420.1
NCBI GenBank Nucleotide #	NM_002429.5
Molecular Weight	33,793 Da
NCBI Official Full Name	matrix metalloproteinase-19 isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 19
NCBI Official Symbol	MMP19
NCBI Official Synonym Symbols	CODA; MMP18; RASI-1
NCBI Protein Information	matrix metalloproteinase-19
UniProt Protein Name	Matrix metalloproteinase-19
UniProt Gene Name	MMP19
UniProt Synonym Gene Names	MMP18; RASI; MMP-19; MMP-18
UniProt Entry Name	MMP19_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/mmp19-human-elisa-kits/matrix-metalloproteinase-19/99658>