

Human Matrix Metalloproteinase-19 (MMP19) ELISA Kit | MMP19 elisa kit

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CATALOG #
AAA331749

REACTIVITY
Human

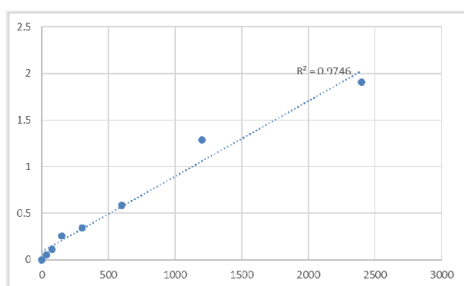
PRODUCT SYNONYMS

Matrix Metalloproteinase-19 (MMP19); Human Matrix Metalloproteinase-19 (MMP19) ELISA Kit; MMP19; MMP18; RASI-1; matrix metalloproteinase 18; matrix metalloproteinase 19; MMP19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Matrix metalloproteinase-19 (MMP19) ELISA Kit has high sensitivity and excellent specificity for detection of Human MMP19. No significant cross-reactivity or interference between Human MMP19 and analogues was observed.
Sequence Length	305
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Matrix metalloproteinase-19 (MMP19) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MMP19 elisa kit	Description: This Human Matrix metalloproteinase-19 (MMP19) ELISA Kit employs a two-site sandwich ELISA to quantitate MMP19 in samples. An antibody specific for MMP19 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP19 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP19 is added to the wells. After washing, Streptavidin 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 MMP19 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MMP19 encodes a member of a family of proteins that are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Matrix metalloproteinase-19 is secreted as an inactive proprotein, which is activated upon cleavage by extracellular proteases. Alternative splicing results in multiple transcript variants for MMP19.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	442535505
NCBI GeneID	4327
NCBI Accession #	NP_001259030.1
NCBI GenBank Nucleotide #	NP_001259030.1
UniProt Accession #	Q99542
NCBI Official Full Name	matrix metalloproteinase-19 isoform 3 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.