

Human Matrix Metalloproteinase-28 (MMP28) ELISA Kit | MMP28 elisa kit

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CATALOG #
AAA331743

REACTIVITY
Human

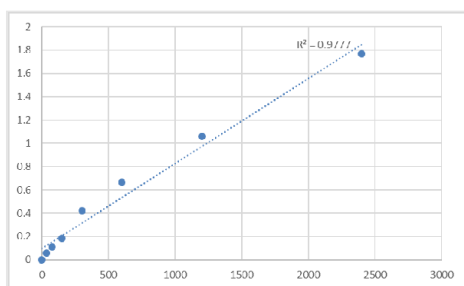
PRODUCT SYNONYMS

Matrix Metalloproteinase-28 (MMP28); Human Matrix Metalloproteinase-28 (MMP28) ELISA Kit; MMP28; EPILYSIN; MM28; MMP-28; MMP25; matrix metalloproteinase 28; MMP28 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Matrix metalloproteinase-28 (MMP28) ELISA Kit has high sensitivity and excellent specificity for detection of Human MMP28. No significant cross-reactivity or interference between Human MMP28 and analogues was observed.
Sequence Length	520
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-28 (MMP28) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MMP28 elisa kit	Description: This Human Matrix metalloproteinase-28 (MMP28) ELISA Kit employs a two-site sandwich ELISA to quantitate MMP28 in samples. An antibody specific for MMP28 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP28 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP28 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 MMP28 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction and tissue remodeling, and disease processes, such as asthma and metastasis. MMP28 encodes a secreted enzyme that degrades casein. Its expression pattern suggests that it plays a role in tissue homeostasis and in wound repair. Alternative splicing of MMP28 results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13236530
NCBI GeneID	79148
NCBI Accession #	NP_077278.1
NCBI GenBank Nucleotide #	NP_077278.1
UniProt Accession #	Q9H239
NCBI Official Full Name	matrix metalloproteinase-28 isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 28
NCBI Official Symbol	MMP28
NCBI Official Synonym Symbols	MM28; MMP25; MMP-25; MMP-28; EPILYSIN
NCBI Protein Information	matrix metalloproteinase-28
UniProt Protein Name	Matrix metalloproteinase-28
UniProt Gene Name	MMP28
UniProt Synonym Gene Names	MMP25; MMP-28
UniProt Entry Name	MMP28_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://www.aaabiotech.com/human-elisa-kits/matrix-metalloproteinase-28-mmp28/331743>