

Human MMP-7 ELISA Kit | MMP-7 elisa kit

MMP-7 Human ELISA Kit

CATALOG # AAA59022	REACTIVITY Human	APPLICATIONS ELISA
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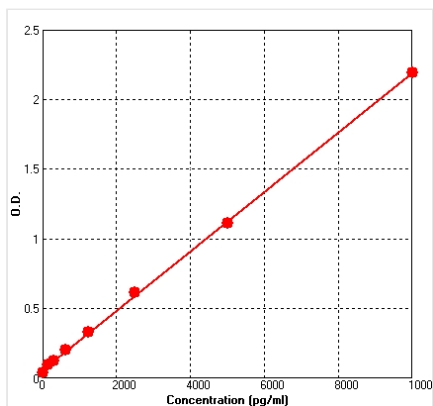
PRODUCT SYNONYMS

MMP-7; MMP-7 Human ELISA Kit; Human MMP-7; MMP-7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	156 pg/ml-10,000 pg/ml
Applicable Applications for MMP-7 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP-7 elisa kit	Principle of the Assay: This kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. The purified anti-MMP-7 antibody was pre-coated onto 96-well plates. And the HRP conjugated anti-MMP-7 antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, mixed and incubated, then, unbound conjugates were washed away with wash buffer. TMB substrates (A & B) 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 MMP-7 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MMP-7 can be calculated. Background: Matrix metalloproteinase-7 (MMP-7) also known as Matrilysin is an enzyme that in humans is encoded by the MMP7 gene, which maps to 11q21-q22. It is a member of the MMP family, these proteins 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. This protein has 267 amino acids and is significantly shorter than stromelysin or collagenase. It was expressed in basal epithelial cells during the migration proliferation phase of corneal wound healing after excimer keratectomy. Crawford et al. (2002) hypothesized that MMP7 expression in preneoplastic pancreatic lesions applies apoptotic selective pressure to susceptible epithelial cells, resulting in selective expansion of a duct-like epithelium resistant to apoptotic stimuli.
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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/human-elisa-kits/mmp-7/59022>