

Human Granzyme M ELISA Kit | GZMM elisa kit

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CATALOG #
AAA100462

REACTIVITY
Human

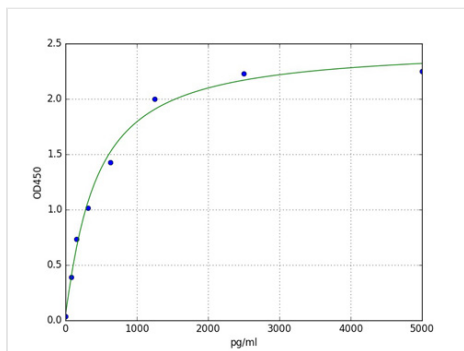
PRODUCT SYNONYMS

Granzyme M; Human Granzyme M ELISA Kit; GZMM/LMET1/MET1/Natural killer cell granular protease/Met-1 serine protease (Hu-Met-1)/Met-ase/; GZMM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	264
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 GZMM 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.035	0.384	0.673	0.919	1.443	1.812	2.348	2.114

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GZMM elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

4996115

Molecular Weight	29,122 Da
NCBI Official Full Name	granzyme M
UniProt Protein Name	Granzyme M
UniProt Gene Name	Gzmm
UniProt Entry Name	O08643_MOUSE

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/gzmm-human-elisa-kits/granzyme-m/100462>