

Human Granzyme A ELISA Kit | GZMA elisa kit

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CATALOG #
AAA99041

REACTIVITY
Human

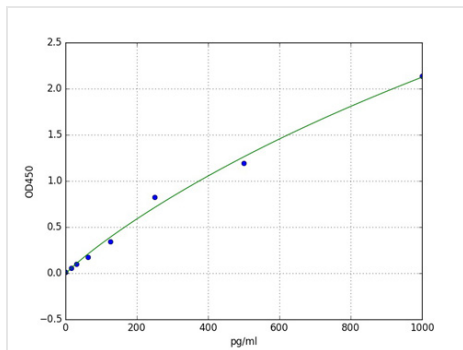
PRODUCT SYNONYMS

Granzyme A; Human Granzyme A ELISA Kit; GZMA (Granzyme A)/CTL Tryptase/CTLA3/Fragmentin-1/HF/HFSP/Cytotoxic T-lymphocyte proteinase 1/Granzyme-1/H factor/Hanukkah factor; GZMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	23
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 GZMA 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	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.024	0.107	0.178	0.367	0.635	1.159	1.842	2.304

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GZMA elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4096788
NCBI GeneID	3001
Molecular Weight	27,109 Da
NCBI Official Full Name	granzyme A, partial
NCBI Official Synonym Full Names	granzyme A
NCBI Official Symbol	GZMA
NCBI Official Synonym Symbols	HFSP; CTLA3
NCBI Protein Information	granzyme A
UniProt Protein Name	Granzyme A
UniProt Gene Name	GZMA
UniProt Synonym Gene Names	CTLA3; HFSP; H factor; HF
UniProt Entry Name	GRAA_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.

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Online datasheet: <https://stage.aaabiotech.com/gzma-human-elisa-kits/granzyme-a/99041>