

Rat Granzyme M (GZMM) ELISA Kit | GZMM elisa kit

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CATALOG #
AAA64307

REACTIVITY
Rat

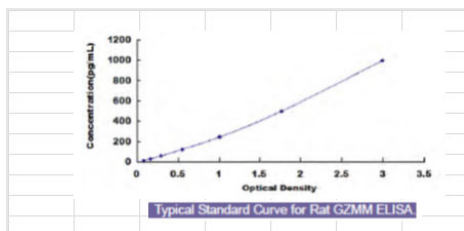
PRODUCT SYNONYMS

Granzyme M (GZMM); Rat Granzyme M (GZMM) ELISA Kit; GZM-M; LMET1; MET1; Hu-Met-1; Met-ase; Lymphocyte Met Ase 1; Met-1 serine protease; Natural killer cell granular protease; GZMM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of GZMM. No significant cross-reactivity or interference between GZMM and analogues was observed.
Sequence Length	258
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	8.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, qmiddle and high level GZMM were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GZMM were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GZMM elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GZMM in rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GZMM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GZMM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GZMM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of GZMM in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	548367
NCBI GeneID	29252
UniProt Accession #	Q03238
Molecular Weight	28,339 Da
NCBI Official Full Name	Granzyme M
NCBI Official Synonym Full Names	granzyme M
NCBI Official Symbol	Gzmm
NCBI Protein Information	granzyme M
UniProt Protein Name	Granzyme M
UniProt Gene Name	Gzmm

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.