

Rat Granzyme B ELISA Kit | Gzmb elisa kit

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CATALOG #
AAA56948

REACTIVITY
Rat

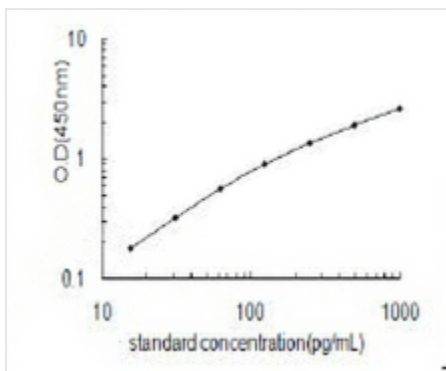
PRODUCT SYNONYMS

Granzyme B; Rat Granzyme B ELISA Kit; Fragmentin; Natural killer cell protease 1; RNKP-1; Gzmb; 3.4.21.79; Gzmb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Granzyme B
Sequence Length	248
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	15.6-1000 pg/mL
Sensitivity	< 7.86 pg/mL
Intra-assay Precision	Intra-Assay CV: <=5.2%
Inter-assay Precision	Inter-Assay CV: <=10.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gzmb elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen 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 #	31542926
NCBI GeneID	171528
NCBI Accession #	NP_612526.2
NCBI GenBank Nucleotide #	NM_138517.3
UniProt Accession #	P18291; Q06605
Molecular Weight	27,326 Da
NCBI Official Full Name	granzyme-like protein 1
NCBI Official Synonym Full Names	granzyme B
NCBI Official Symbol	Gzmb
NCBI Official Synonym Symbols	RNKP-1
NCBI Protein Information	granzyme-like protein 1
UniProt Protein Name	Granzyme B
UniProt Gene Name	Gzmb
UniProt Entry Name	GRAB_RAT

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.