

Rat GZMK ELISA Kit | GZMK elisa kit

Rat GZMK (Granzyme K) ELISA Kit

CATALOG #
AAA163401

REACTIVITY
Rat

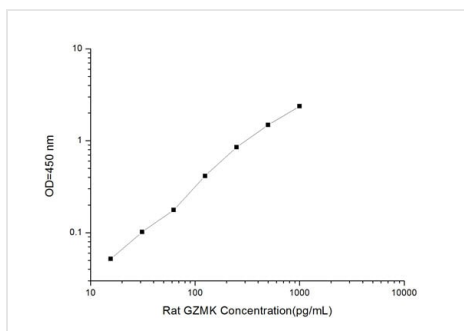
PRODUCT SYNONYMS

GZMK; Rat GZMK (Granzyme K) ELISA Kit; GZMK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GZMK. No significant cross-reactivity or interference between Rat GZMK and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GZMK and all the analogues, therefore, cross reaction may still exist.
Sequence Length	264
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GZMK elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GZMK in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat GZMK. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat GZMK and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat GZMK, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat GZMK. You can calculate the concentration of Rat GZMK in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504235
NCBI GeneID	3003
NCBI Accession #	NP_002095.1
NCBI GenBank Nucleotide #	NM_002104.2
UniProt Accession #	P49863; B2R563
Molecular Weight	28,882 Da
NCBI Official Full Name	granzyme K
NCBI Official Synonym Full Names	granzyme K (granzyme 3; tryptase II)
NCBI Official Symbol	GZMK
NCBI Official Synonym Symbols	TRYP2
NCBI Protein Information	granzyme K; NK-Tryp-2; NK-tryptase-2; fragmentin-3; granzyme 3; granzyme K (serine protease, granzyme 3; tryptase II); granzyme-3
UniProt Protein Name	Granzyme K
UniProt Gene Name	GZMK
UniProt Synonym Gene Names	TRYP2; NK-Tryp-2
UniProt Entry Name	GRAK_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/rat-elisa-kits/gzmk/163401>