

Mouse Zymogen granule membrane protein 16 ELISA Kit | Zg16 elisa kit

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CATALOG #
AAA56246

REACTIVITY
Mouse

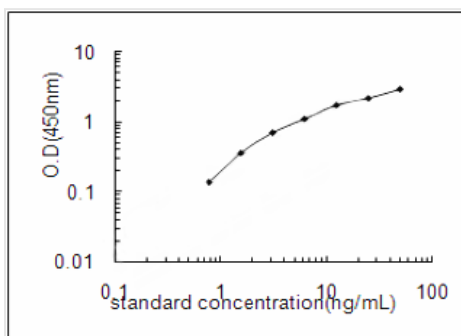
PRODUCT SYNONYMS

Zymogen granule membrane protein 16; Mouse Zymogen granule membrane protein 16 ELISA Kit; Zg16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Zymogen granule protein 16. No significant cross-reactivity or interference was observed.
Sequence Length	167
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.419 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=7.7%
Recovery	101%
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 Zg16 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Zymogen granule protein 16. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Zymogen granule protein 16 and 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 Zymogen granule protein 16, 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 Zymogen granule protein 16 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 #	23943876
NCBI GeneID	69036
NCBI Accession #	NP_081194.1
NCBI GenBank Nucleotide #	NM_026918.2
UniProt Accession #	Q8K0C5
Molecular Weight	18,210 Da
NCBI Official Full Name	zymogen granule membrane protein 16
NCBI Official Synonym Full Names	zymogen granule protein 16
NCBI Official Symbol	Zg16
NCBI Official Synonym Symbols	ZG16p; AI593689; 1810010M01Rik
NCBI Protein Information	zymogen granule membrane protein 16
UniProt Protein Name	Zymogen granule membrane protein 16
UniProt Gene Name	Zg16
UniProt Synonym Gene Names	Zymogen granule protein 16
UniProt Entry Name	ZG16_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/zg16-mouse-elisa-kits/zymogen-granule-membrane-protein-16/56246>