

Human Zymogen Granule Protein 16 Homolog B (ZG16B) ELISA Kit | ZG16B elisa kit

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CATALOG #
AAA20528

REACTIVITY
Human

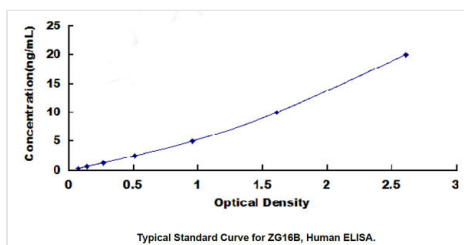
PRODUCT SYNONYMS

Zymogen Granule Protein 16 Homolog B (ZG16B); Human Zymogen Granule Protein 16 Homolog B (ZG16B) ELISA Kit; JCLN2; Jacalin-Like Lectin Domain Containing 2; ZG16B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ZG16B. No significant cross-reactivity or interference between ZG16B and analogues was observed.
Sequence Length	208
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.121ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ZG16B 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 ZG16B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ZG16B elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ZG16B. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ZG16B. 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 ZG16B, 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 ZG16B in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ZG16B in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for ZG16B elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	94536866
NCBI GeneID	124220
NCBI Accession #	NP_660295.2
NCBI GenBank Nucleotide #	NM_145252.2
UniProt Accession #	Q96DA0; Q6UW28; A6NIY1; B2R4F6
Molecular Weight	22,739 Da
NCBI Official Full Name	zymogen granule protein 16 homolog B
NCBI Official Synonym Full Names	zymogen granule protein 16B
NCBI Official Symbol	ZG16B
NCBI Official Synonym Symbols	EECP; PAUF; JCLN2; HRPE773; PRO1567
NCBI Protein Information	zymogen granule protein 16 homolog B
UniProt Protein Name	Zymogen granule protein 16 homolog B
UniProt Gene Name	ZG16B
UniProt Entry Name	ZG16B_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/human-elisa-kits/zymogen-granule-protein-16-homolog-b-zg16b/20528>