

Human Glucosidase 2 subunit beta ELISA Kit | PRKCSH elisa kit

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CATALOG #
AAA99150

REACTIVITY
Human

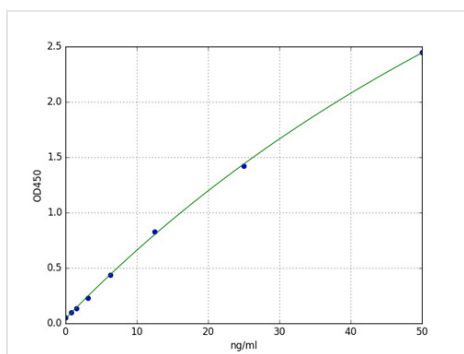
PRODUCT SYNONYMS

Glucosidase 2 subunit beta; Human Glucosidase 2 subunit beta ELISA Kit; PRKCSH/G19P1/PKCSH/Protein kinase C substrate 60.1 kDa protein heavy chain/80K-H protein/Glucosidase II subunit beta; PRKCSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	528
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PRKCSH ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.052	0.092	0.140	0.212	0.371	0.688	1.657	2.281

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRKCSH elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PRKCSH antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PRKCSH antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PRKCSH amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PRKCSH can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255889
NCBI GeneID	5589
NCBI Accession #	NP_002734.2
NCBI GenBank Nucleotide #	NM_002743.3
Molecular Weight	59,178 Da
NCBI Official Full Name	glucosidase 2 subunit beta isoform 1
NCBI Official Synonym Full Names	protein kinase C substrate 80K-H
NCBI Official Symbol	PRKCSH
NCBI Official Synonym Symbols	PCLD; PLD1; G19P1; PKCSH; AGE-R2
NCBI Protein Information	glucosidase 2 subunit beta
UniProt Protein Name	Glucosidase 2 subunit beta
UniProt Gene Name	PRKCSH
UniProt Synonym Gene Names	G19P1; PKCSH
UniProt Entry Name	GLU2B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/prkcsch-human-elisa-kits/glucosidase-2-subunit-beta/99150>