

Human Protein Kinase, cGMP Dependent Type I (PRKG1) RTU ELISA Kit | PRKG1 rtu elisa kit

Human Protein Kinase, cGMP Dependent Type I (PRKG1) ELISA Kit

CATALOG # AAA217986	REACTIVITY Human
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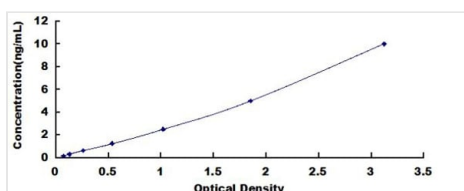
PRODUCT SYNONYMS

Protein Kinase; cGMP Dependent Type I (PRKG1); Human Protein Kinase; cGMP Dependent Type I (PRKG1) ELISA Kit; CGKI; PGK; PRKG1B; PRKGR1B; CGKI-BETA; CGKI-alpha; cGMP-dependent protein kinase 1; PRKG1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	671
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRKG1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PRKG1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PRKG1. 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 PRKG1, 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 $\pm$ 10nm. The concentration of PRKG1 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 #	148612818
NCBI GeneID	5592
NCBI Accession #	NP_001091982.1
NCBI GenBank Nucleotide #	NM_001098512.3
UniProt Accession #	Q13976; P14619; Q5JP05; Q5JSJ6; Q6P5T7; A5YM56; B3KSF3; E2PU10
Molecular Weight	44,185 Da
NCBI Official Full Name	cGMP-dependent protein kinase 1 isoform 1
NCBI Official Synonym Full Names	protein kinase cGMP-dependent 1
NCBI Official Symbol	PRKG1
NCBI Official Synonym Symbols	PKG; cGK; AAT8; PKG1; cGK1; cGKI; cGK 1; PRKG1B; PRKGR1B; cGKI-BETA; cGKI-alpha
NCBI Protein Information	cGMP-dependent protein kinase 1
UniProt Protein Name	cGMP-dependent protein kinase 1
UniProt Gene Name	PRKG1
UniProt Synonym Gene Names	PRKG1B; PRKGR1A; PRKGR1B; cGK 1; cGK1; cGKI

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-rtu-elisa-kits/protein-kinase-cgmp-dependent-type-i-prkg1/217986>