Rabbit cAMP-dependent protein kinase inhibitor gamma (PKIG) ELISA Kit | PKIG elisa kit

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CATALOG #	REACTIVITY
AAA244778	**Rabbit**

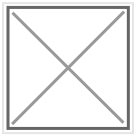
PRODUCT SYNONYMS

cAMP-dependent protein kinase inhibitor gamma (PKIG); Rabbit cAMP-dependent protein kinase inhibitor gamma (PKIG) ELISA Kit; PKIG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKIG elisa kit	Intended Uses: This PKIG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PKIG. This ELISA kit for research use only! Principle of the Assay: PKIG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKIG antibody and an PKIG-HRP conjugate. The assay sample and buffer are incubated together with PKIG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PKIG concentration since PKIG from samples and PKIG-HRP conjugate compete for the anti-PKIG antibody binding site. Since the number of sites is limited, as more sites are occupied by PKIG from the sample, fewer sites are left to bind PKIG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKIG concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PKIG elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	527122104
NCBI GeneID	11142

NCBI Accession #	NP_001268374.1
NCBI GenBank Nucleotide #	NM_001281445.1
Molecular Weight	7,910 Da
NCBI Official Full Name	cAMP-dependent protein kinase inhibitor gamma
NCBI Official Synonym Full Names	protein kinase (cAMP-dependent, catalytic) inhibitor gamma
NCBI Official Symbol	PKIG
NCBI Official Synonym Symbols	PKI-gamma
NCBI Protein Information	cAMP-dependent protein kinase inhibitor gamma
UniProt Protein Name	cAMP-dependent protein kinase inhibitor gamma
UniProt Gene Name	**PKIG**
UniProt Synonym Gene Names	PKI-gamma
UniProt Entry Name	IPKG_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/rabbit-elisa-kits/camp-dependent-protein-kinase-inhibitor-gamma-pkig/244778