

Human Protein Kinase C epsilon Type (PRKCE) ELISA Kit | PRKCE elisa kit

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CATALOG #
AAA331327

REACTIVITY
Human

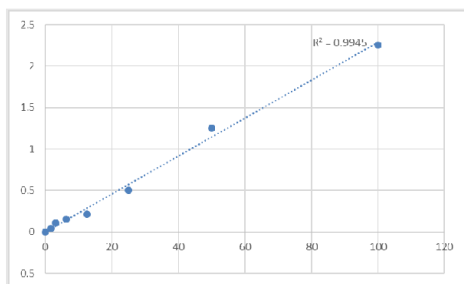
PRODUCT SYNONYMS

Protein Kinase C epsilon Type (PRKCE); Human Protein Kinase C epsilon Type (PRKCE) ELISA Kit; PRKCE; MGC125656; MGC125657; PKCE; nPKC-epsilon; PRKCE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein kinase C epsilon type (PRKCE) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRKCE. No significant cross-reactivity or interference between Human PRKCE and analogues was observed.
Sequence Length	737
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Protein kinase C epsilon type (PRKCE) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRKCE elisa kit	Description: This Human Protein kinase C epsilon type (PRKCE) ELISA Kit employs a two-site sandwich ELISA to quantitate PRKCE in samples. An antibody specific for PRKCE has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRKCE present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRKCE is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRKCE bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. Protein kinase C epsilon type kinase has been shown to be involved in many different cellular functions, such as neuron channel activation, apoptosis, cardioprotection from ischemia, heat shock response, as well as insulin exocytosis. Knockout studies in mice suggest that this kinase is important for lipopolysaccharide (LPS)-mediated signaling in activated macrophages and may also play a role in controlling anxiety-like behavior.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885563
NCBI GeneID	5581
NCBI Accession #	NP_005391.1
NCBI GenBank Nucleotide #	NP_005391.1
UniProt Accession #	Q02156
NCBI Official Full Name	protein kinase C epsilon type
NCBI Official Synonym Full Names	protein kinase C epsilon
NCBI Official Symbol	PRKCE
NCBI Official Synonym Symbols	PKCE; nPKC-epsilon
NCBI Protein Information	protein kinase C epsilon type
UniProt Protein Name	Protein kinase C epsilon type
UniProt Gene Name	PRKCE
UniProt Synonym Gene Names	PKCE
UniProt Entry Name	KPCE_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://www.aaabiotech.com/human-elisa-kits/protein-kinase-c-epsilon-type-prkce/331327>