

Mouse Phospho-Glycogen Synthase Kinase 3beta ELISA Kit | P-GSK3beta elisa kit

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CATALOG #
AAA85319

REACTIVITY
Mouse

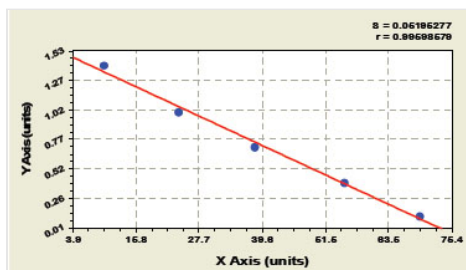
PRODUCT SYNONYMS

Phospho-Glycogen Synthase Kinase 3beta; Mouse Phospho-Glycogen Synthase Kinase 3beta ELISA Kit; Mouse Phospho-Glycogen Synthase Kinase 3b ELISA Kit; P-GSK3beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PDCN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PDCN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P-GSK3beta elisa kit

Principle of the Assay: PDCN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PDCN antibody and an PDCN-HRP conjugate. The assay sample and buffer are incubated together with PDCN-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 PDCN concentration since PDCN from samples and PDCN-HRP conjugate compete for the anti-PDCN antibody binding site. Since the number of sites is limited, as more sites are occupied by PDCN from the sample, fewer sites are left to bind PDCN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDCN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

7657615

NCBI GeneID	7827
NCBI Accession #	NP_055440.1
NCBI GenBank Nucleotide #	NM_014625.3
Molecular Weight	34,421 Da
NCBI Official Full Name	podocin isoform 1
NCBI Official Synonym Full Names	nephrosis 2, idiopathic, steroid-resistant (podocin)
NCBI Official Symbol	NPHS2
NCBI Official Synonym Symbols	PDCN; SRN1
NCBI Protein Information	podocin
UniProt Protein Name	Podocin
UniProt Gene Name	NPHS2
UniProt Entry Name	PODO_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/p-gsk3beta-mouse-elisa-kits/phospho-glycogen-synthase-kinase-3beta/85319>