

Rat Phospho-Glycogen Synthase Kinase 3 ELISA Kit | P-GSK3 elisa kit

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CATALOG #
AAA84904

REACTIVITY
Rat

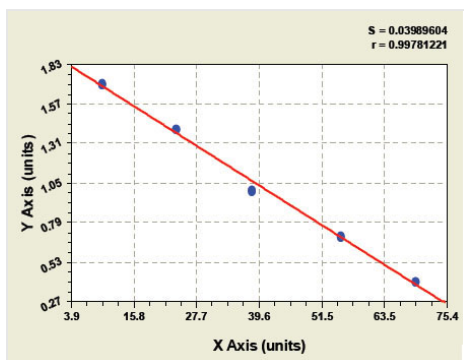
PRODUCT SYNONYMS

Phospho-Glycogen Synthase Kinase 3; Rat Phospho-Glycogen Synthase Kinase 3 ELISA Kit; P-GSK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 P-GSK3 elisa kit

Intended Uses: This PNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PNP. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	311773126
NCBI GeneID	9958302
Molecular Weight	101,876 Da
NCBI Official Full Name	PnP
NCBI Official Symbol	pnp
NCBI Protein Information	pnp
UniProt Protein Name	Polyribonucleotide nucleotidyltransferase
UniProt Gene Name	pnp
UniProt Synonym Gene Names	BBMN68_1576
UniProt Entry Name	E4R2X1_BIFLM

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-gsk3-rat-elisa-kits/phospho-glycogen-synthase-kinase-3/84904>