

Mouse Glycogen synthase kinase ELISA Kit | GSK elisa kit

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CATALOG #
AAA87923

REACTIVITY
Mouse

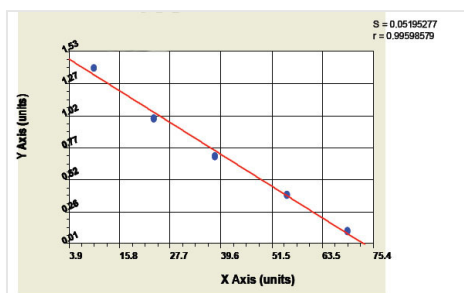
PRODUCT SYNONYMS

Glycogen synthase kinase; Mouse Glycogen synthase kinase ELISA Kit; GSK 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 GSK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse GSK. 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 GSK elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

291616588

NCBI GeneID	8894881
NCBI Accession #	YP_003519330.1
NCBI GenBank Nucleotide #	NC_013956.2
Molecular Weight	49,340 Da
NCBI Official Full Name	Gsk
NCBI Official Symbol	gsk
NCBI Protein Information	Inosine-guanosine kinase; Gsk
UniProt Protein Name	Gsk
UniProt Gene Name	gsk
UniProt Synonym Gene Names	PANA_1035
UniProt Entry Name	D4GLT2_PANAM

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/gsk-mouse-elisa-kits/glycogen-synthase-kinase/87923>