

Rat Glycogen synthase kinase-3 beta, Gsk3b ELISA Kit | Gsk3b elisa kit

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CATALOG #
AAA43333

REACTIVITY
Rat

PRODUCT SYNONYMS

Glycogen synthase kinase-3 beta; Gsk3b; Rat Glycogen synthase kinase-3 beta; Gsk3b ELISA Kit; Gsk3b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	433
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 35ng/ml
Sensitivity	0.052ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gsk3b elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Glycogen Synthase Kinase-3 Beta (also known as GSK3B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat GSK3B antibody. GSK3B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GSK3B Antibody is added and binds to GSK3B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GSK3B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat GSK3B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361340
NCBI GeneID	2932
NCBI Accession #	NP_002084.2
NCBI GenBank Nucleotide #	NM_002093.3
UniProt Accession #	P49841; Q9BWH3; Q9UL47; D3DN89
Molecular Weight	48,034 Da
NCBI Official Full Name	glycogen synthase kinase-3 beta isoform 1
NCBI Official Synonym Full Names	glycogen synthase kinase 3 beta
NCBI Official Symbol	GSK3B
NCBI Protein Information	glycogen synthase kinase-3 beta
UniProt Protein Name	Glycogen synthase kinase-3 beta
UniProt Gene Name	GSK3B
UniProt Synonym Gene Names	GSK-3 beta

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/rat-elisa-kits/glycogen-synthase-kinase-3-beta-gsk3b/43333>