

Bovine Glycogen synthase kinase ELISA Kit | GSK elisa kit

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CATALOG #
AAA96935

REACTIVITY
Bovine

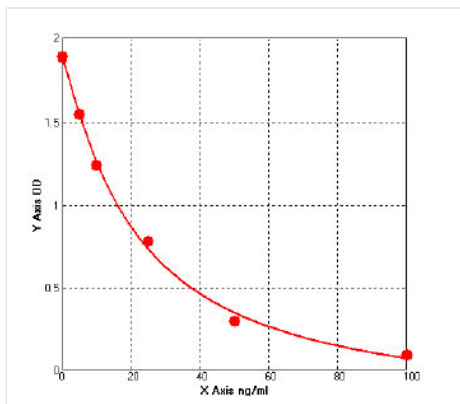
PRODUCT SYNONYMS

Glycogen synthase kinase; Bovine Glycogen synthase kinase ELISA Kit; GSK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of GSK. No significant cross-reactivity or interference between GSK and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GSK and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
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 an 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. Intended Uses: This GSK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine GSK. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	233142272
Molecular Weight	46,464 Da
NCBI Official Full Name	glycogen synthase kinase
UniProt Protein Name	Glycogen synthase kinase
UniProt Gene Name	GSK-3
UniProt Entry Name	C7AE95_SOYBN

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-bovine-ovine-elisa-kits/glycogen-synthase-kinase/96935>