

Porcine Glycogen ELISA Kit | Glycogen elisa kit

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CATALOG #
AAA94017

REACTIVITY
Porcine

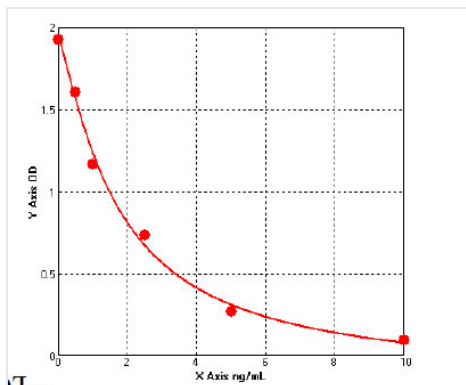
PRODUCT SYNONYMS

Glycogen; Porcine Glycogen ELISA Kit; Glycogen elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of Gly. No significant cross-reactivity or interference between Gly and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Gly and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 mmol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Glycogen elisa kit	Intended Uses: This Gly ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine Gly. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: Gly ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Gly antibody and an Gly-HRP conjugate. The assay sample and buffer are incubated together with Gly-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 Gly concentration since Gly from samples and Gly-HRP conjugate compete for the anti-Gly antibody binding site. Since the number of sites is limited, as more sites are occupied by Gly from the sample, fewer sites are left to bind Gly-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Gly concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	509170463
Molecular Weight	15,415 Da
NCBI Official Full Name	Glycogen, partial
UniProt Protein Name	Glycogen
UniProt Entry Name	S4PV39_9NEOP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/glycogen/94017>