

Goat Glycogen ELISA Kit | Glycogen elisa kit

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CATALOG #
AAA95914

REACTIVITY
Goat

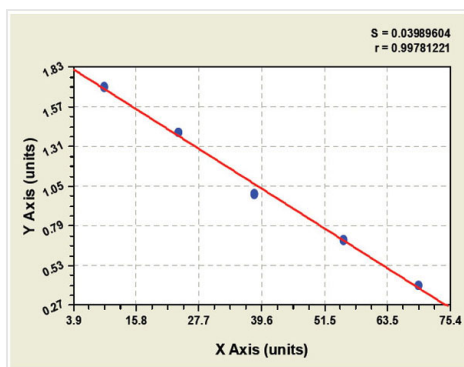
PRODUCT SYNONYMS

Glycogen; Goat Glycogen ELISA Kit; Glycogen elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
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 Glycogen elisa kit

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

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

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.

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Online datasheet: <https://stage.aaabiotech.com/goat-elisa-kits/glycogen/95914>