

Chicken Glucose ELISA Kit

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CATALOG #
AAA244507

REACTIVITY
Chicken

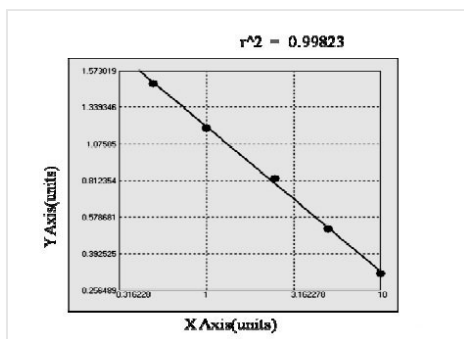
PRODUCT SYNONYMS

Glucose; Chicken Glucose ELISA Kit; Glucose elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 mg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Glucose elisa kit

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

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

Product Categories/Family for Glucose elisa kit

Neurobiology

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/chicken-elisa-kits/glucose/244507>