

Guinea Pig Taurine ELISA Kit | taurine elisa kit

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CATALOG #
AAA97481

REACTIVITY
Guinea Pig

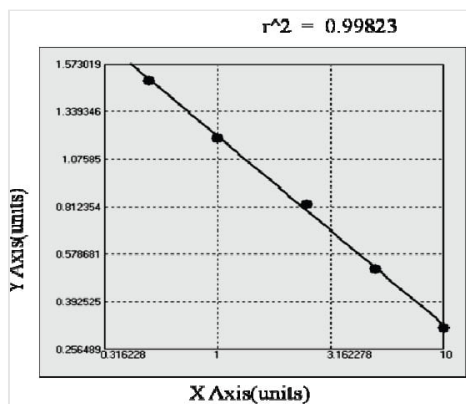
PRODUCT SYNONYMS

Taurine; Guinea pig Taurine ELISA Kit; taurine elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25nmol/L
Sensitivity	0.1nmol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for taurine elisa kit	Intended Uses: This taurine ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig taurine. This ELISA kit for research use only! Principle of the Assay: taurine ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-aurine antibody and an taurine-HRP conjugate. The assay sample and buffer are incubated together with taurine-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 taurine concentration since taurine from samples and taurine-HRP conjugate compete for the anti-aurine antibody binding site. Since the number of sites is limited, as more sites are occupied by taurine from the sample, fewer sites are left to bind taurine-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The taurine concentration in each sample is interpolated from this standard curve.
Product Categories/Family for taurine elisa kit	Immunology

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://www.aaabiotech.com/guinea-pig-elisa-kits/taurine/97481>