

GuineaPig tumor-associated antigen, TAA ELISA Kit | TAA elisa kit

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CATALOG #
AAA83096

REACTIVITY
GuineaPig

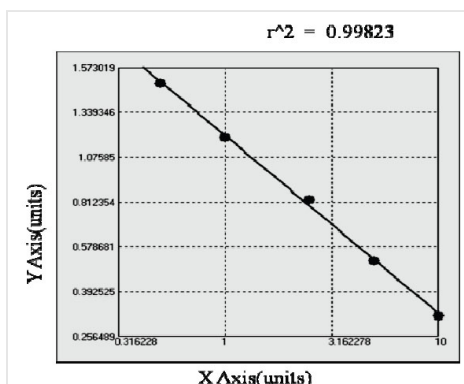
PRODUCT SYNONYMS

tumor-associated antigen; TAA; Guinea Pig tumor-associated antigen; TAA ELISA Kit; TAA ELISA Kit (Guinea Pig); TAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	GuineaPig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TAA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig TAA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAA elisa kit

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

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/pig-elisa-kits/tumor-associated-antigen-taa/83096>