

Guinea Pig Troponin I Type 3, Cardiac ELISA Kit | cTnI elisa kit

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CATALOG #
AAA82779

REACTIVITY
Guinea Pig

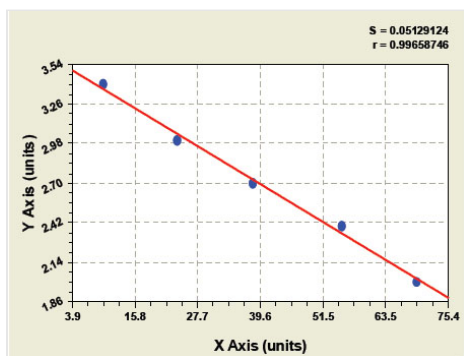
PRODUCT SYNONYMS

Troponin I Type 3; Cardiac; Guinea pig Troponin I Type 3; Cardiac ELISA Kit; cTnI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cTnl elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This TNNI3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig TNNI3. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY TNNI3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TNNI3 antibody and an TNNI3-HRP conjugate. The assay sample and buffer are incubated together with TNNI3-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 TNNI3 concentration since TNNI3 from samples and TNNI3-HRP conjugate compete for the anti-TNNI3 antibody binding site. Since the number of sites is limited, as more sites are occupied by TNNI3 from the sample, fewer sites are left to bind TNNI3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNNI3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for cTnl elisa kit	Signal Transduction

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/ctni-guinea-pig-pig-elisa-kits/troponin-i-type-3-cardiac/82779>