Guinea Pig ProstacyclinPGI2 ELISA Kit | PGI2 elisa kit

Guinea pig Prostacyclin ELISA KitPGI2

CATALOG #	REACTIVITY
AAA90854	**Guinea Pig**

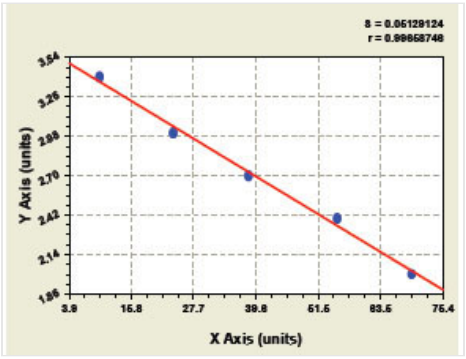
PRODUCT SYNONYMS

ProstacyclinPGI2; Guinea pig Prostacyclin ELISA KitPGI2; PGI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/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 PGI2 elisa kit	**For samples:** Serum, plasma, cell culture supernatants, body fluid and tissue homogenate **INTENDED USE** This PGI2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig PGI2. This ELISA kit for research use only! **PRINCIPLE OF THE ASSAY** PGI2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PGI2 antibody and an PGI2-HRP conjugate. The assay sample and buffer are incubated together with PGI2-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 PGI2 concentration since PGI2 from samples and PGI2-HRP conjugate compete for the anti-PGI2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PGI2 from the sample, fewer sites are left to bind PGI2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PGI2 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/pgi2-guinea-pig-pig-elisa-kits/prostacyclinpgi2/90854