

Human ProstacyclinPGI2 ELISA Kit | PGI2 elisa kit

Human Prostacyclin ELISA KitPGI2

CATALOG #
AAA89280

REACTIVITY
Human

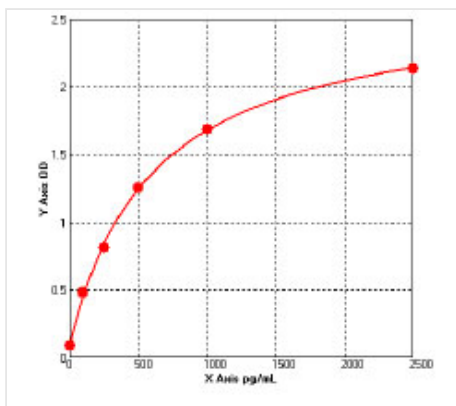
PRODUCT SYNONYMS

ProstacyclinPGI2; Human Prostacyclin ELISA KitPGI2; PGI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PGI2. No significant cross-reactivity or interference between PGI2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PGI2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Intended Uses	This PGI2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PGI2. 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 PGI2 elisa kit	Principle of the Assay: PGI2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PGI2. Standards or samples are then added to the microtiter plate wells and PGI2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PGI2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PGI2 are added to each well to "sandwich" the PGI2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PGI2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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. Intended Uses: This PGI2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PGI2. This ELISA kit for research use only, not for therapeutic or test applications!
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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-human-elisa-kits/prostacyclinpgi2/89280>