

Rat Prostaglandin F2a ELISA Kit | PGF2a elisa kit

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CATALOG #
AAA85781

REACTIVITY
Rat

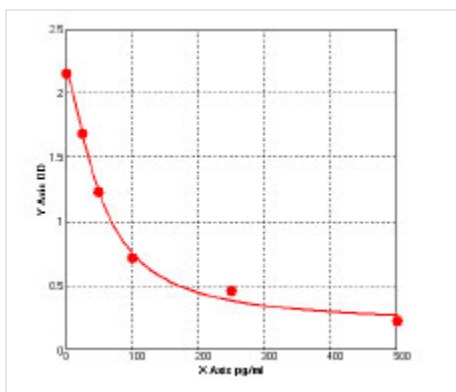
PRODUCT SYNONYMS

Prostaglandin F2a; Rat Prostaglandin F2a ELISA Kit; PGF2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGF2a elisa kit

Intended Uses: This PGF2alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PGF2alpha. This ELISA kit for research use only!

Principle of the Assay: PGF2alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PGF2alpha antibody and an PGF2alpha -HRP conjugate. The assay sample and buffer are incubated together with PGF2alpha-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 PGF2alpha concentration since PGF2alpha from samples and PGF2alpha -HRP conjugate compete for the anti-PGF2alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by PGF2alpha from the sample, fewer sites are left to bind PGF2alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PGF2alpha 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/pgf2a-rat-elisa-kits/prostaglandin-f2a/85781>