

Goat Prostaglandin E2 ELISA Kit | PGE2 elisa kit

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CATALOG #
AAA92119

REACTIVITY
Goat

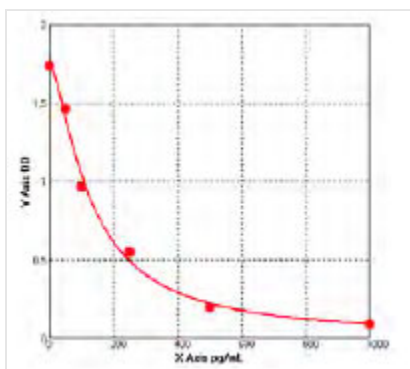
PRODUCT SYNONYMS

Prostaglandin E2; Goat Prostaglandin E2 ELISA Kit; PGE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGE2 elisa kit

Intended Uses: This PGE2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine PGE2. This ELISA kit for research use only!

Principle of the Assay: PGE2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PGE2 antibody and an PGE2-HRP conjugate. The assay sample and buffer are incubated together with PGE2-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 PGE2 concentration since PGE2 from samples and PGE2-HRP conjugate compete for the anti-PGE2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PGE2 from the sample, fewer sites are left to bind PGE2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PGE2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PGE2 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pge2-goat-elisa-kits/prostaglandin-e2/92119>