

Sheep 8-iso-prostaglandin ELISA Kit | 8-iso-PG elisa kit

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CATALOG #
AAA95556

REACTIVITY
Sheep

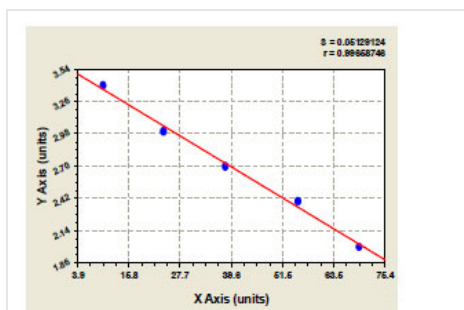
PRODUCT SYNONYMS

8-iso-prostaglandin; Sheep 8-iso-prostaglandin ELISA Kit; 8-iso-PG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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 8-iso-PG elisa kit

Intended Uses: This 8 iso PG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep 8 iso PG. This ELISA kit for research use only!

Principle of the Assay: 8 iso PG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-8 iso PG antibody and an 8 iso PG-HRP conjugate. The assay sample and buffer are incubated together with 8 iso PG-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 8 iso PG concentration since 8 iso PG from samples and 8 iso PG-HRP conjugate compete for the anti-8 iso PG antibody binding site. Since the number of sites is limited, as more sites are occupied by 8 iso PG from the sample, fewer sites are left to bind 8 iso PG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 8 iso PG concentration in each sample is interpolated from this standard curve.

Product Categories/Family for 8-iso-PG 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/8-iso-pg-sheep-elisa-kits/8-iso-prostaglandin/95556>