

Bovine STAT-8-Isoprostane ELISA Kit | STAT-8 elisa kit

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CATALOG #
AAA247530

REACTIVITY
Bovine

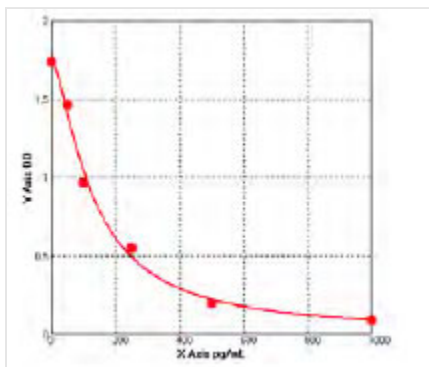
PRODUCT SYNONYMS

STAT-8-Isoprostane; Bovine STAT-8-Isoprostane ELISA Kit; STAT-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STAT-8 elisa kit

Intended Uses: This 6KPGF1a ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of 6KPGF1a in biological samples. This ELISA kit for research use only!

Principle of the Assay: 6KPGF1a ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-6KPGF1a antibody and an 6KPGF1a-HRP conjugate. The assay sample and buffer are incubated together with 6KPGF1a-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 6KPGF1a concentration since 6KPGF1a from samples and 6KPGF1a-HRP conjugate compete for the anti-6KPGF1a antibody binding site. Since the number of sites is limited, as more sites are occupied by 6KPGF1a from the sample, fewer sites are left to bind 6KPGF1a-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 6KPGF1a 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/stat-8-isoprostane/247530>