

General 8-epi-PGF2alpha ELISA Kit | 8-epi-PGF2alpha elisa kit

8-epi-PGF2alpha (8-Epi-Prostaglandin F2 Alpha) ELISA Kit

CATALOG #
AAA163790

REACTIVITY
General

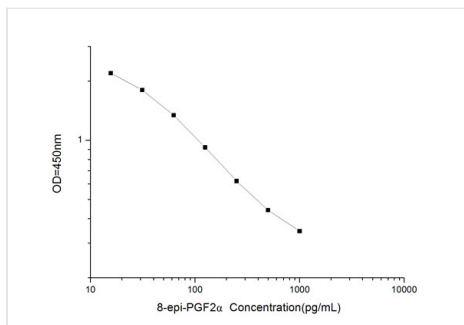
PRODUCT SYNONYMS

8-epi-PGF2alpha; 8-epi-PGF2alpha (8-Epi-Prostaglandin F2 Alpha) ELISA Kit; 8-epi-PGF2alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes natural and recombinant 8-epi-PGF2alpha. No significant cross-reactivity or interference between 8-epi-PGF2alpha and analogues was observed.
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 8-epi-PGF2alpha elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of 8-epi-PGF2alpha concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with 8-epi-PGF2alpha. During the reaction, 8-epi-PGF2alpha in the sample or standard competes with a fixed amount of 8-epi-PGF2alpha on the solid phase supporter for sites on the Biotinylated Detection Ab specific to 8-epi-PGF2alpha. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of 8-epi-PGF2alpha in the samples is then determined by comparing the OD of the samples to the 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/general-elisa-kits/8-epi-pgf2alpha/163790>