

Human 9alpha 11beta PGF2alpha ELISA Kit

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CATALOG #
AAA83374

REACTIVITY
Human

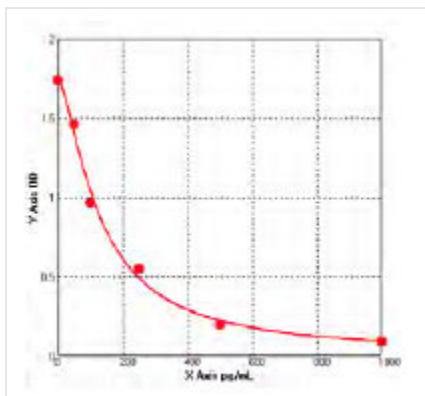
PRODUCT SYNONYMS

9alpha 11beta PGF2alpha; Human 9alpha 11beta PGF2alpha ELISA Kit; Human 9a 11b PGF2a ELISA Kit; 9alpha 11beta PGF2alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of 9alpha 11beta PGF2alpha. No significant cross-reactivity or interference between 9alpha 11beta PGF2alpha and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between 9alpha 11beta PGF2alpha and all the analogues, therefore, cross reaction may still exist in some cases.
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 9alpha 11beta PGF2alpha elisa kit	Intended Uses: This 9alpha 11beta PGF2alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 9alpha 11beta PGF2alpha. This ELISA kit for research use only! Principle of the Assay: 9alpha 11beta PGF2alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-9alpha 11beta PGF2alpha antibody and an 9alpha 11beta PGF2alpha-HRP conjugate. The assay sample and buffer are incubated together with 9alpha 11beta 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 9alpha 11beta PGF2alpha concentration since 9alpha 11beta PGF2alpha from samples and 9alpha 11beta PGF2alpha-HRP conjugate compete for the anti-9alpha 11beta PGF2alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by 9alpha 11beta PGF2alpha from the sample, fewer sites are left to bind 9alpha 11beta PGF2alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 9alpha 11beta PGF2alpha concentration in each sample is interpolated from this standard curve.
Product Categories/Family for 9alpha 11beta PGF2alpha elisa kit	Cardiovascular

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/human-elisa-kits/9alpha-11beta-pgf2alpha/83374>