

Porcine 11alpha-Hydroxysteroid dehydrogenase 2 ELISA Kit | 11alpha-HSD2 elisa kit

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CATALOG #
AAA94092

REACTIVITY
Porcine

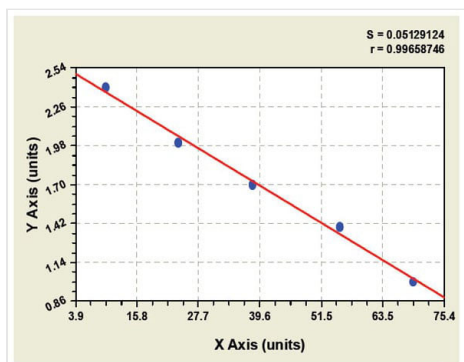
PRODUCT SYNONYMS

11alpha-Hydroxysteroid dehydrogenase 2; Porcine 11alpha-Hydroxysteroid dehydrogenase 2 ELISA Kit; Porcine 11a-Hydroxysteroid dehydrogenase 2 ELISA Kit; 11alpha-HSD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This 11alpha-HSD2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of porcine 11alpha-HSD2. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 11alpha-HSD2 elisa kit

Principle of the Assay: 11alpha-HSD2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-11alpha-HSD2 antibody and an 11alpha-HSD2-HRP conjugate. The assay sample and buffer are incubated together with 11alpha-HSD2-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 11alpha-HSD2 concentration since 11alpha-HSD2 from samples and 11alpha-HSD2-HRP conjugate compete for the anti-11alpha-HSD2 antibody binding site. Since the number of sites is limited, as more sites are occupied by 11alpha-HSD2 from the sample, fewer sites are left to bind 11alpha-HSD2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 11alpha-HSD2 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.

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Online datasheet: <https://stage.aaabiotech.com/11alpha-hsd2-porcine-elisa-kits/11alpha-hydroxysteroid-dehydrogenase-2/94092>