

Human 11Alpha Hydroxysteroid dehydrogenase 2 ELISA Kit | 11AlphaHSD2 elisa kit

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CATALOG #
AAA83387

REACTIVITY
Human

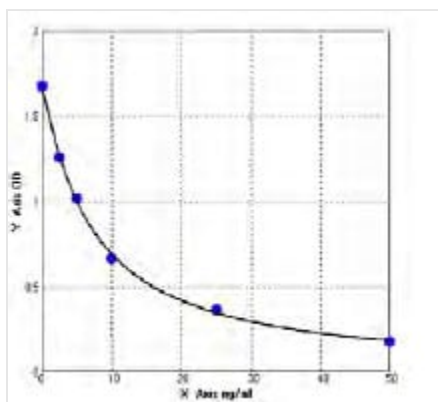
PRODUCT SYNONYMS

11Alpha Hydroxysteroid dehydrogenase 2; Human 11Alpha Hydroxysteroid dehydrogenase 2 ELISA Kit; 11AlphaHSD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of 11alpha-HSD2. No significant cross-reactivity or interference between 11alpha-HSD2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between 11alpha-HSD2 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 11AlphaHSD2 elisa kit	Intended Uses: This 11alpha-HSD2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 11alpha-HSD2. This ELISA kit for research use only! Principle of the Assay: 11alpha-HSD2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an 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.
Product Categories/Family for 11AlphaHSD2 elisa kit	Cell Biology

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/11alphahsd2-human-elisa-kits/11alpha-hydroxysteroid-dehydrogenase-2/83387>