

Human anti cytochrome P450c21/21 hydroxylase (CYP21B) antibody ELISA Kit

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CATALOG #
AAA27083

REACTIVITY
Human

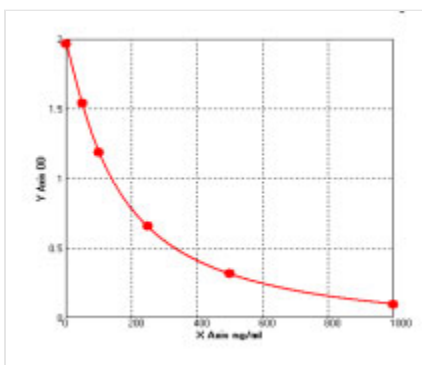
PRODUCT SYNONYMS

anti cytochrome P450c21/21 hydroxylase (CYP21B) antibody; Human anti cytochrome P450c21/21 hydroxylase (CYP21B) antibody ELISA Kit; anti cytochrome P450c21/21 hydroxylase (CYP21B) antibody elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CYP21B-Ab. No significant cross-reactivity or interference between CYP21B-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CYP21B-Ab and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for anti cytochrome P450c21/21 hydroxylase (CYP21B) antibody elisa kit	Principle of the Assay: CYP21B-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing cytochrome P450c21/21 hydroxylase (CYP21B) antigen and an CYP21B-Ab-HRP conjugate. The assay sample and buffer are incubated together with CYP21B-Ab-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 CYP21B-Ab concentration since CYP21B-Ab from samples and CYP21B-Ab-HRP conjugate compete for the cytochrome P450c21/21 hydroxylase (CYP21B) antigen binding site. Since the number of sites is limited, as more sites are occupied by CYP21B-Ab from the sample, fewer sites are left to bind CYP21B-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYP21B-Ab concentration in each sample is interpolated from this standard curve. Intended Uses: This CYP21B-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CYP21B-Ab. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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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/human-elisa-kits/anti-cytochrome-p450c21-21-hydroxylase-cyp21b-antibody/27083>