

Human 17-alpha-hydroxylase ELISA Kit | 17-alpha-OH elisa kit

Human 17-alpha-hydroxylase ELISA Kit

CATALOG #
AAA87029

REACTIVITY
Human

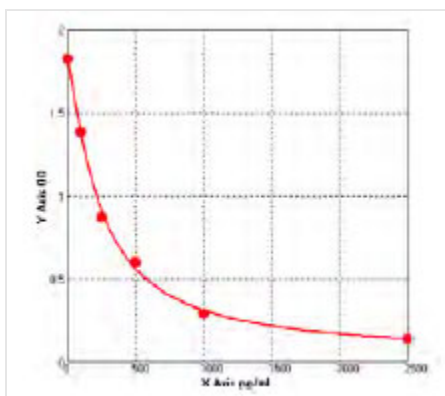
PRODUCT SYNONYMS

17-alpha-hydroxylase; Human 17-alpha-hydroxylase ELISA Kit; Human 17-a-hydroxylase ELISA Kit; 17-alpha-OH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 17-alpha-OH elisa kit

Intended Uses: This 17aOH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human17aOH. This ELISA kit for research use only!

Principle of the Assay: 17aOH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-17aOH antibody and an 17aOH-HRP conjugate. The assay sample and buffer are incubated together with 17aOH-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 17aOH concentration since 17aOH from samples and 17aOH-HRP conjugate compete for the anti-17aOH antibody binding site. Since the number of sites is limited, as more sites are occupied by 17aOH from the sample, fewer sites are left to bind 17aOH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 17aOH concentration in each sample is interpolated from this standard curve.

Product Categories/Family for 17-alpha-OH elisa kit	Metabolism
---	------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	310871679
NCBI Official Full Name	17-alpha-hydroxylase

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/17-alpha-oh-human-elisa-kits/17-alpha-hydroxylase/87029>