

Chicken 17-Hydroxypregnenolone ELISA Kit

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CATALOG #
AAA245090

REACTIVITY
Chicken

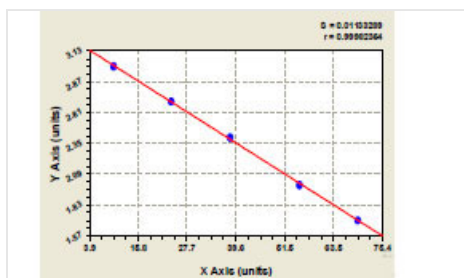
PRODUCT SYNONYMS

17-Hydroxypregnenolone; Chicken 17-Hydroxypregnenolone ELISA Kit; 17-Hydroxypregnenolone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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



ADDITIONAL INFORMATION

Related Product Information for 17-Hydroxypregnenolone elisa kit

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

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

Product Categories/Family for 17-Hydroxypregnenolone elisa kit

[Neurobiology](#)

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/chicken-elisa-kits/17-hydroxypregnenolone/245090>