

Canine 17 - Hydroxyprogesterone ELISA Kit | 17-OHP elisa kit

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CATALOG #
AAA16835

REACTIVITY
Canine

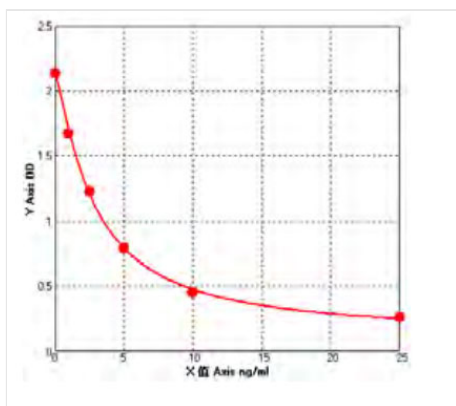
PRODUCT SYNONYMS

17 - Hydroxyprogesterone; Canine 17 - Hydroxyprogesterone ELISA Kit; 17-OHP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of 17OHP. No significant cross-reactivity or interference between 17OHP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between 17OHP 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	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 17-OHP elisa kit	Principle of the Assay: 17OHP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-17OHP antibody and an 17OHP-HRP conjugate. The assay sample and buffer are incubated together with 17OHP-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 17OHP concentration since 17OHP from samples and 17OHP-HRP conjugate compete for the anti-17OHP antibody binding site. Since the number of sites is limited, as more sites are occupied by 17OHP from the sample, fewer sites are left to bind 17OHP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 17OHP concentration in each sample is interpolated from this standard curve. Intended Uses: This 17OHP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine 17OHP. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/17-ohp-canine-elisa-kits/17-hydroxyprogesterone/16835>