

Canine 17-ketosteroids ELISA Kit | 17-ks elisa kit

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CATALOG #
AAA90193

REACTIVITY
Canine

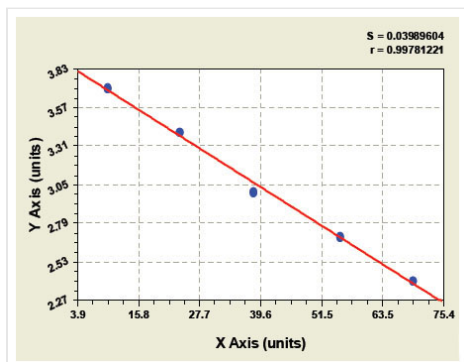
PRODUCT SYNONYMS

17-ketosteroids; Canine 17-ketosteroids ELISA Kit; 17-ks elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 17-ks elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This 17-ks ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine 17-ks. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY 17-ks ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-17-ks antibody and an 17-ks-HRP conjugate. The assay sample and buffer are incubated together with 17-ks-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 17-ks concentration since 17-ks from samples and 17-ks-HRP conjugate compete for the anti-17-ks antibody binding site. Since the number of sites is limited, as more sites are occupied by 17-ks from the sample, fewer sites are left to bind 17-ks-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 17-ks concentration in each sample is interpolated from this standard curve.
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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/17-ks-canine-elisa-kits/17-ketosteroids/90193>