

Canine Peroxisome proliferators activator beta ELISA Kit | PPAR-beta elisa kit

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CATALOG #
AAA94083

REACTIVITY
Canine

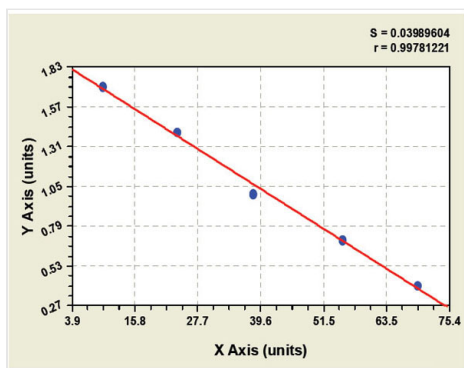
PRODUCT SYNONYMS

Peroxisome proliferators activator beta; Canine Peroxisome proliferators activator beta ELISA Kit; Canine Peroxisome proliferators activator b ELISA Kit; PPAR-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 PPAR-beta elisa kit

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

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

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/ppar-beta-canine-elisa-kits/peroxisome-proliferators-activator-beta/94083>