

Canine Phosphorylated acetyl CoA ELISA Kit | PaCoA elisa kit

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CATALOG #
AAA97371

REACTIVITY
Canine

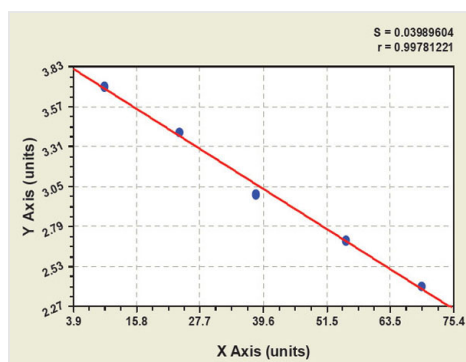
PRODUCT SYNONYMS

Phosphorylated acetyl CoA; Canine Phosphorylated acetyl CoA ELISA Kit; PaCoA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PaCoA elisa kit

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