

Canine Pyridoxal /pyridoxine vitamin B6 Kinase ELISA Kit | PDXK elisa kit

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CATALOG #
AAA93637

REACTIVITY
Canine

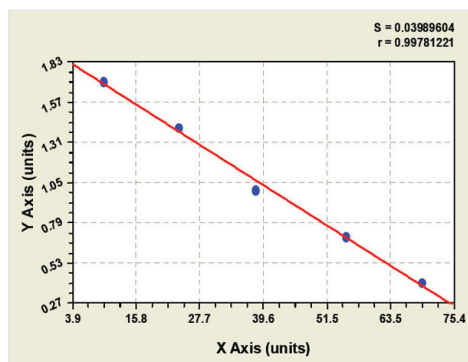
PRODUCT SYNONYMS

Pyridoxal /pyridoxine vitamin B6 Kinase; Canine Pyridoxal /pyridoxine vitamin B6 Kinase ELISA Kit; PDXK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PDXK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine PDXK. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDXK elisa kit

Principle of the Assay: PDXK ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PDXK antibody and an PDXK-HRP conjugate. The assay sample and buffer are incubated together with PDXK-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 PDXK concentration since PDXK from samples and PDXK-HRP conjugate compete for the anti-PDXK antibody binding site. Since the number of sites is limited, as more sites are occupied by PDXK from the sample, fewer sites are left to bind PDXK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDXK 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/pdxk-canine-elisa-kits/pyridoxal-pyridoxine-vitamin-b6-kinase/93637>