

Canine L-phenylalanine ELISA Kit | LPA elisa kit

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CATALOG #
AAA93968

REACTIVITY
Canine

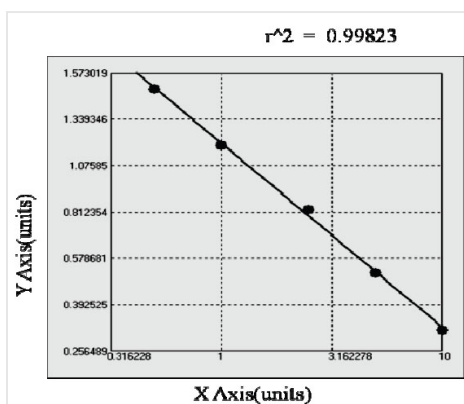
PRODUCT SYNONYMS

L-phenylalanine; Canine L-phenylalanine ELISA Kit; LPA 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 LPA elisa kit

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

Principle of the Assay: LPA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LPA antibody and an LPA-HRP conjugate. The assay sample and buffer are incubated together with LPA-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 LPA concentration since LPA from samples and LPA-HRP conjugate compete for the anti-LPA antibody binding site. Since the number of sites is limited, as more sites are occupied by LPA from the sample, fewer sites are left to bind LPA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LPA 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/lpa-canine-elisa-kits/l-phenylalanine/93968>