

Canine Dopamine ELISA Kit | DPA elisa kit

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CATALOG #
AAA89932

REACTIVITY
Canine

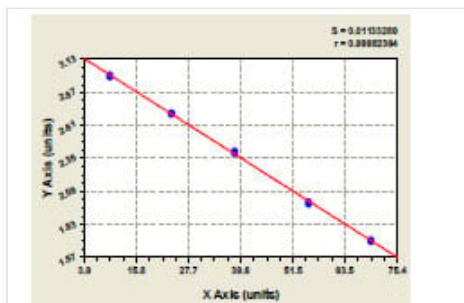
PRODUCT SYNONYMS

Dopamine; Canine Dopamine ELISA Kit; DPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for DPA elisa kit

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

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

Product Categories/Family for DPA elisa kit

[Neurobiology](#)

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/dpa-canine-elisa-kits/dopamine/89932>