

Canine Aldolase ELISA Kit | ALD elisa kit

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CATALOG #
AAA95454

REACTIVITY
Canine

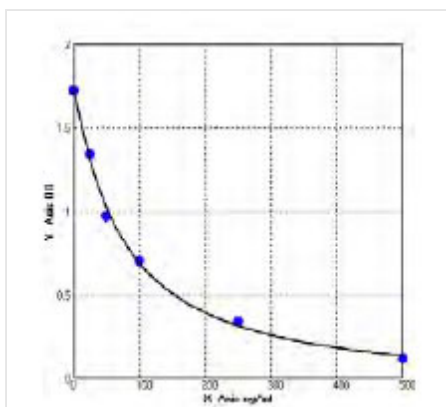
PRODUCT SYNONYMS

Aldolase; Canine Aldolase ELISA Kit; ALD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALD elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	496418866
NCBI Accession #	WP_009127713.1
NCBI GenBank Nucleotide #	WP_009127713.1
Molecular Weight	29,893 Da
NCBI Official Full Name	aldolase
UniProt Protein Name	Fructose/tagatose bisphosphate aldolase
UniProt Entry Name	J2LRV2_9ENTR

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/ald-canine-elisa-kits/aldolase/95454>