

Canine Angiotensin 1 ELISA Kit | ANG1 elisa kit

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CATALOG #
AAA89479

REACTIVITY
Canine

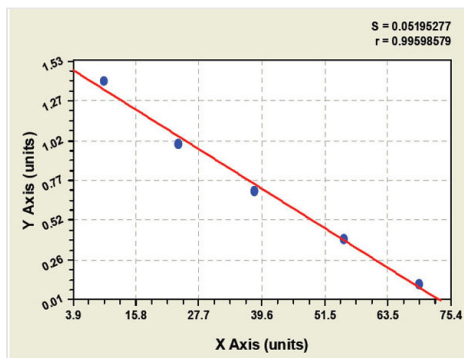
PRODUCT SYNONYMS

Angiotensin 1; Canine Angiotensin 1 ELISA Kit; ANG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
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 ANG1 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This ANG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ANG1. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY ANG1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANG1 antibody and an ANG1-HRP conjugate. The assay sample and buffer are incubated together with ANG1-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 ANG1 concentration since ANG1 from samples and ANG1-HRP conjugate compete for the anti-ANG1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANG1 from the sample, fewer sites are left to bind ANG1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANG1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ANG1 elisa kit	Cardiovascular

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/ang1-canine-elisa-kits/angiotensin-1/89479>