

Canine Angiotensin 3 ELISA Kit | ANG3 elisa kit

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CATALOG #
AAA88229

REACTIVITY
Canine

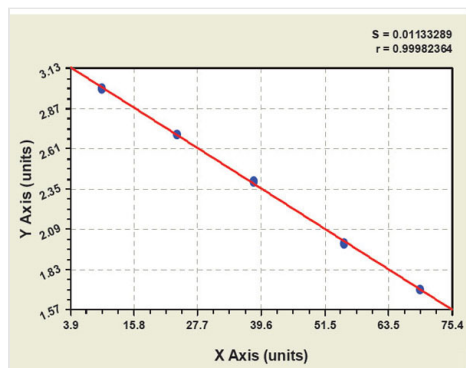
PRODUCT SYNONYMS

Angiotensin 3; Canine Angiotensin 3 ELISA Kit; ANG3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ANG3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ANG3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ANG3 elisa kit

Principle of the assay: ANG3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANG3 antibody and an ANG3-HRP conjugate. The assay sample and buffer are incubated together with ANG3-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 ANG3 concentration since ANG3 from samples and ANG3-HRP conjugate compete for the anti-ANG3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANG3 from the sample, fewer sites are left to bind ANG3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANG3 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/ang3-canine-elisa-kits/angiotensin-3/88229>