

Canine Angiogenin ELISA Kit | ANG elisa kit

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CATALOG #
AAA93673

REACTIVITY
Canine

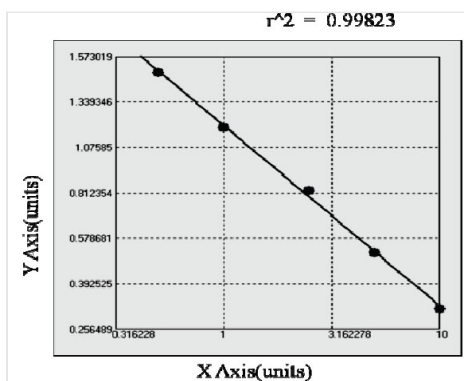
PRODUCT SYNONYMS

Angiogenin; Canine Angiogenin ELISA Kit; ANG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANG elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	178250
Molecular Weight	16,550 Da
NCBI Official Full Name	angiogenin
UniProt Protein Name	Angiogenin
UniProt Gene Name	ANG
UniProt Synonym Gene Names	RNASE5; RNase 5
UniProt Entry Name	ANGI_HUMAN

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/ang-canine-elisa-kits/angiogenin/93673>