

Mouse Angiogenin ELISA Kit | ANG elisa kit

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CATALOG #
AAA83189

REACTIVITY
Mouse

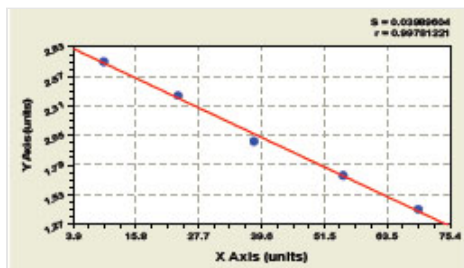
PRODUCT SYNONYMS

Angiogenin; Mouse Angiogenin ELISA Kit; ANG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ANG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ANG. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANG elisa kit

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.

Product Categories/Family for ANG elisa kit

[Signal Transduction](#)

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-mouse-elisa-kits/angiogenin/83189>