

Rat Angiostatin ELISA Kit | ANG elisa kit

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CATALOG #
AAA95485

REACTIVITY
Rat

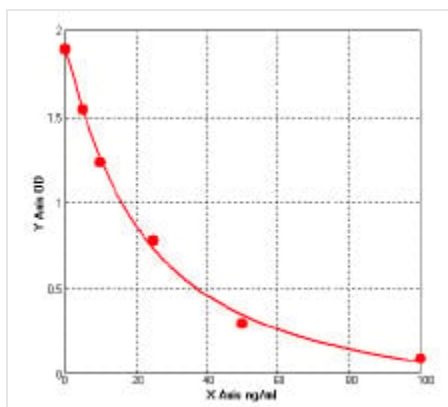
PRODUCT SYNONYMS

Angiostatin; Rat Angiostatin ELISA Kit; ANG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 ANG elisa kit

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

Principle of the Assay: ANG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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 #	4505881
NCBI GeneID	5340
NCBI Accession #	NP_000292
NCBI GenBank Nucleotide #	NM_000301.3
UniProt Accession #	P00747; Q15146; Q5TEH4; Q6PA00
Molecular Weight	90,569 Da
NCBI Official Full Name	plasminogen isoform 1
NCBI Official Synonym Full Names	plasminogen
NCBI Official Symbol	PLG
NCBI Protein Information	plasminogen
UniProt Protein Name	Plasminogen
UniProt Gene Name	PLG
UniProt Entry Name	PLMN_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-rat-elisa-kits/angiostatin/95485>