

Mouse ANG ELISA Kit | ANG elisa kit

Mouse ANG (Angiogenin) ELISA Kit

CATALOG #
AAA164449

REACTIVITY
Mouse

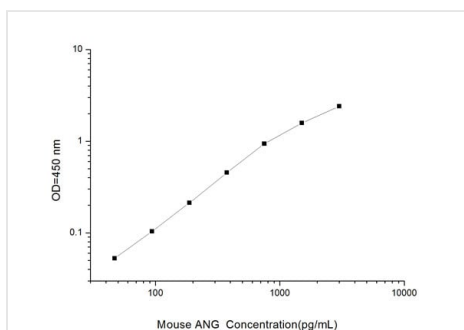
PRODUCT SYNONYMS

ANG; Mouse ANG (Angiogenin) ELISA Kit; ANG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse ANG in samples. No significant cross-reactivity or interference between Mouse ANG and analogues was observed.
Sequence Length	147
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	46.88-3000pg/mL
Sensitivity	28.13pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse ANG were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse ANG were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANG elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse ANG. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse ANG and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse ANG, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Mouse ANG. You can calculate the concentration of Mouse ANG in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse ANG concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557313
NCBI GeneID	283
NCBI Accession #	NP_001136.1
NCBI GenBank Nucleotide #	NM_001145.4
UniProt Accession #	P03950; Q05CV1; Q53X86; Q6P5T2; Q8WXE7
Molecular Weight	16,550 Da
NCBI Official Full Name	angiogenin
NCBI Official Synonym Full Names	angiogenin, ribonuclease, RNase A family, 5
NCBI Official Symbol	ANG
NCBI Official Synonym Symbols	ALS9; RAA1; HEL168; RNASE4; RNASE5
NCBI Protein Information	angiogenin; RNase 5; epididymis luminal protein 168; ribonuclease 5; ribonuclease A A1
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/mouse-elisa-kits/ang/164449>