

Mouse ANG1 (Angiotensin 1) CLIA Kit | ANG1 clia kit

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CATALOG #
AAA170815

REACTIVITY
Mouse

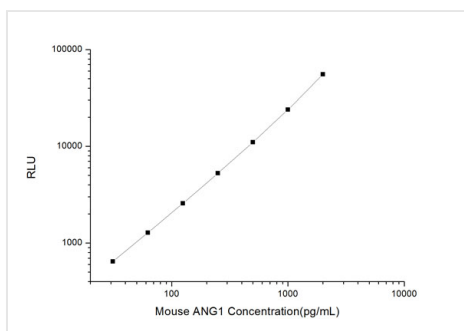
PRODUCT SYNONYMS

ANG1 (Angiotensin 1); Mouse ANG1 (Angiotensin 1) CLIA Kit; ANG-1; ANGPT1; AGP1; AGPT; ANG1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant ANG1. No significant cross-reactivity or interference between ANG1 and analogues was observed.
Sequence Length	498
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANG1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ANG1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to ANG1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ANG1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ANG1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of ANG1. You can calculate the concentration of ANG1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20532340
NCBI GeneID	284
NCBI Accession #	NP_001137.2
NCBI GenBank Nucleotide #	NM_001146.4
Molecular Weight	57,456 Da
NCBI Official Full Name	angiopoietin-1 isoform 1
NCBI Official Synonym Full Names	angiopoietin 1
NCBI Official Symbol	ANGPT1
NCBI Official Synonym Symbols	AGP1; AGPT; ANG1
NCBI Protein Information	angiopoietin-1
UniProt Protein Name	Angiopoietin-1
UniProt Gene Name	ANGPT1
UniProt Synonym Gene Names	KIAA0003; ANG-1
UniProt Entry Name	ANGP1_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-clia-kits/ang1-angiopoietin-1/170815>