

Rabbit Angiopoietin 2 (ANGPT2) CLIA Kit | ANGPT2 clia kit

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CATALOG # AAA150419	REACTIVITY Rabbit	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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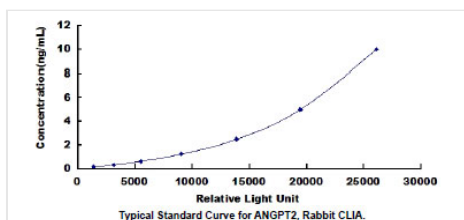
PRODUCT SYNONYMS

Angiopoietin 2 (ANGPT2); Rabbit Angiopoietin 2 (ANGPT2) CLIA Kit; ANG2; AGPT2; ANGPT2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of ANGPT2. No significant cross-reactivity or interference between ANGPT2 and analogues was observed.
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Applicable Applications for ANGPT2 clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANGPT2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ANGPT2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPT2 clia kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of ANGPT2 in rabbit serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ANGPT2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ANGPT2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the ANGPT2 level in the sample or standard.
Product Categories/Family for ANGPT2 clia kit	Tumor immunity; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	291409296
NCBI GeneID	100353377
NCBI Accession #	XP_002720942.1
NCBI GenBank Nucleotide #	XP_002720942.1
UniProt Accession #	G1T9B3
Molecular Weight	56,833 Da
NCBI Official Full Name	angiotensinogen-2 isoform X1
NCBI Official Symbol	ANGPT2
NCBI Protein Information	angiotensinogen 2
UniProt Protein Name	Uncharacterized protein
UniProt Gene Name	ANGPT2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-clia-kits/angiotensinogen-2-angpt2/150419>