

Pig angiotensin 2 ELISA Kit | ANGPT2 elisa kit

Pig Angiotensin 2, ANG-2 ELISA Kit

CATALOG #
AAA79895

REACTIVITY
Pig

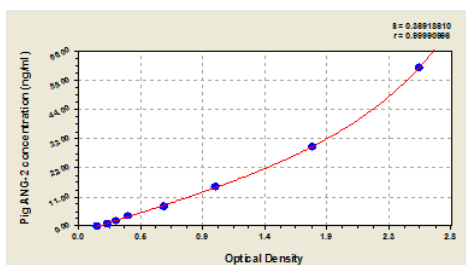
PRODUCT SYNONYMS

angiotensin 2; Pig Angiotensin 2; ANG-2 ELISA Kit; AGPT2; ANG2; Tie2-ligand; angiotensin-2; angiotensin-2B; angiotensin-2a; ANGPT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig ANGPT2. No significant cross-reactivity or interference between Pig ANGPT2 and analogues was observed.
Sequence Length	496
Samples	Serum, plasma, tissue homogenates
Detection Range	0.94 ng/ml-60 ng/ml
Sensitivity	0.235 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Angiogenesis
Protein Biological Process 3	Angiogenesis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPT2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ANG-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for ANG-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain ANG-2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ANG-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523224
NCBI GeneID	396730
NCBI Accession #	NP_998973.1
NCBI GenBank Nucleotide #	NM_213808.1
UniProt Accession #	Q9BDY7
Molecular Weight	56,911 Da
NCBI Official Full Name	angiotensinogen-2
NCBI Official Symbol	ANGPT2
NCBI Official Synonym Symbols	ANG2
NCBI Protein Information	angiotensinogen-2; ANG-2
UniProt Protein Name	Angiotensinogen-2
UniProt Gene Name	ANGPT2
UniProt Synonym Gene Names	ANG-2
UniProt Entry Name	ANGPT2_PIG

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.