

Guinea Pig Angiotensin 4 ELISA Kit | ANG4 elisa kit

Guinea pig Angiotensin 4 ELISA Kit

CATALOG #
AAA86621

REACTIVITY
Guinea Pig

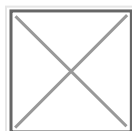
PRODUCT SYNONYMS

Angiotensin 4; Guinea pig Angiotensin 4 ELISA Kit; ANG4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ANG4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig ANG4. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANG4 elisa kit

Principle of the assay: ANG4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ANG4. Standards or samples are then added to the microtiter plate wells and ANG4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ANG4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ANG4 are added to each well to "sandwich" the ANG4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ANG4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANG4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANG4 elisa kit

[Cardiovascular](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #

[7705276](#)

NCBI GeneID	51378
NCBI Accession #	NP_057069.1
NCBI GenBank Nucleotide #	NM_015985.2
Molecular Weight	46,416 Da
NCBI Official Full Name	angiotensinogen-converting enzyme 4
NCBI Official Synonym Full Names	angiotensinogen converting enzyme 4
NCBI Official Symbol	ANGPT4
NCBI Official Synonym Symbols	AGP4; ANG4; ANG-3
NCBI Protein Information	angiotensinogen-converting enzyme 4; ANG-4; angiotensinogen-converting enzyme 3; dJ824F16.2 (angiotensinogen 4)
UniProt Protein Name	Angiotensinogen-converting enzyme 4
UniProt Gene Name	ANGPT4
UniProt Synonym Gene Names	ANG3; ANG4; ANG-4; ANG-3
UniProt Entry Name	ANGPT4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ang4-guinea-pig-pig-elisa-kits/angiotensinogen-4/86621>