

Human Angiotensin 1-7 (Ang1-7) ELISA Kit | Ang1-7 elisa kit

Human Angiotensin 1-7, Ang1-7 ELISA Kit

CATALOG #
AAA15321

REACTIVITY
Human

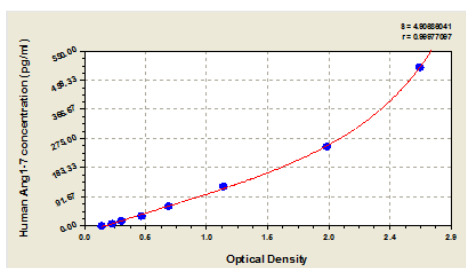
PRODUCT SYNONYMS

Angiotensin 1-7 (Ang1-7); Human Angiotensin 1-7; Ang1-7 ELISA Kit; Human Angiotensin 1-7 (Ang1-7) ELISA Kit; Angiotensin 1-7 (Ang1-7; Ang1-7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Ang1-7. No significant cross-reactivity or interference between human Ang1-7 and analogues was observed.
Sequence Length	497
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 Ang1-7 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Ang1-7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Ang1-7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Ang1-7 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Ang1-7 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	315434240
NCBI GeneID	284
NCBI Accession #	NP_001186788.1
NCBI GenBank Nucleotide #	NM_001199859.1
UniProt Accession #	Q15389; Q5HYA0
Molecular Weight	57,456 Da
NCBI Official Full Name	angiotensin-1 isoform 2
NCBI Official Synonym Full Names	angiotensin 1
NCBI Official Symbol	ANGPT1
NCBI Official Synonym Symbols	AGP1; AGPT; ANG1
NCBI Protein Information	angiotensin-1; ANG-1
UniProt Protein Name	Angiotensin-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/human-elisa-kits/angiotensin-1-7-ang1-7/15321>