

Human Angiotensin 2 (ANG-2) ELISA Kit | ANG-2 elisa kit

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CATALOG #
AAA56033

REACTIVITY
Human

PRODUCT SYNONYMS

Angiotensin 2 (ANG-2); Human Angiotensin 2 (ANG-2) ELISA Kit; Angiotensin II ;AngII; ANG-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ANG-2. No significant cross-reactivity or interference between Human ANG-2 and analogues was observed.
Sequence Length	444
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/mL - 1000 pg/mL
Sensitivity	10.4 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ANG-2 elisa kit

Intended Uses: For the quantitative detection of Human Angiotensin 2 (ANG-2) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ANG-2 in Human serum, plasma. An antibody specific for ANG-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANG-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANG-2 is added to the wells. After washing, Streptavidin 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 ANG-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169646754
NCBI GeneID	285
NCBI Accession #	NP_001112360.1
NCBI GenBank Nucleotide #	NM_001118888.1
UniProt Accession #	O15123; Q9NRR7; Q9P2Y7; A0AV38; A8K205; B7ZLM7

Molecular Weight	56,848 Da
NCBI Official Full Name	angiotensin-2 isoform c
NCBI Official Synonym Full Names	angiotensin 2
NCBI Official Symbol	ANGPT2
NCBI Official Synonym Symbols	ANG2; AGPT2
NCBI Protein Information	angiotensin-2
UniProt Protein Name	Angiotensin-2
UniProt Gene Name	ANGPT2
UniProt Synonym Gene Names	ANG-2

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://www.aaabiotech.com/human-elisa-kits/angiotensin-2-ang-2/56033>